



**Comment**

D2/TP05 V/W5 excavated to 1.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

17

**Date**

16/06/2022

**Originator**

Kieran Evans



**AA Environmental Limited**

Units 4-8 Cholswell Court

Shippon, Abingdon

OX13 6HX

T: (01235) 536042

F: (01235) 523849

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www.aae-ltd.co.uk





**Comment**

D2/TP05 V/E5 excavated to 1.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

18

**Date**

16/06/2022

**Originator**

Kieran Evans



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**Comment**

D2/TP05 verification sampling area - taken whilst situated at V/B5 (facing north).

**Project**

223159 – Saunderton

**Photo Plate**

19

**Date**

16/06/2022

**Originator**

Kieran Evans



AAe

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|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Asbestos remediation excavation, centred on historic window sample location WS107. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                          | <b>Photo Plate</b><br>20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                          | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                          | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                          | <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E1/F1-Area 1 excavation. | <b>Project</b><br>223159 - Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                | <b>Photo Plate</b><br>1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                | <b>Date</b><br>07/07/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

E1/F1-Area 1 V/W1 sampling point material.

**Project**

223159 - Saunderton

**Photo Plate**

2

**Date**

07/07/2022

**Originator**

Kieran Evans



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**Comment**

E1/F1-Area 1 V/N1 material..

**Project**

223159 – Saunderton

**Photo Plate**

3

**Date**

07/07/2022

**Originator**

Kieran Evans



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**Comment**

E1/F1-Area 1 V/N2 sampling area..

**Project**

223159 – Saunderton

**Photo Plate**

4

**Date**

07/07/2022

**Originator**

Kieran Evans



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**Comment**

E1/F1-Area 1 V/W2 sampling area.

**Project**

223159 – Saunderton

**Photo Plate**

5

**Date**

07/07/2022

**Originator**

Kieran Evans



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|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E1/F1-Area 1 V/B1 sampling area. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                        | <b>Photo Plate</b><br>6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                        | <b>Date</b><br>07/07/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                        | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                        | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

E1/F1-Area 1 Hotspot 1 – potential contaminated horizon.

**Project**

223159 – Saunderton

**Photo Plate**

7

**Date**

07/07/2022

**Originator**

Kieran Evans



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|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E1/F1-Area 1 V/B2 sampling area. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                        | <b>Photo Plate</b><br>8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                        | <b>Date</b><br>07/07/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                        | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                        | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

E1/F1-Area 1 V/S1 sampling area.

**Project**

223159 – Saunderton

**Photo Plate**

9

**Date**

07/07/2022

**Originator**

Kieran Evans



**AA Environmental Limited**

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**Comment**

Concrete encased cylinders excavated from E1/F1-Area 1.

**Project**

223159 – Saunderton

**Photo Plate**

10

**Date**

07/07/2022

**Originator**

Kieran Evans



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**Comment**

Visible material from within the cylindrical structure.

**Project**

223159 – Saunderton

**Photo Plate**

11

**Date**

07/07/2022

**Originator**

Kieran Evans



**AA Environmental Limited**

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**Comment**

Close up of concrete encased cylindrical structure.

**Project**

223159 – Saunderton

**Photo Plate**

12

**Date**

07/07/2022

**Originator**

Kieran Evans



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**Comment**

E1/F1-Area 1 (photo taken positioned between V/N1 & V/W1).

**Project**

223159 – Saunderton

**Photo Plate**

13

**Date**

07/07/2022

**Originator**

Kieran Evans



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# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21794-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 9                                                                                |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

**Project: Saunderton - 223159**

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-21794             | 22-21794             | 22-21794             | 22-21794             | 22-21794             | 22-21794             | 22-21794             |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            |              |            | 1446566              | 1446567              | 1446568              | 1446569              | 1446570              | 1446571              | 1446572              |
|                                     | Client Sample ID.:          |            |              |            | V1                   | V2                   | V3                   | V5                   | V1                   | V2                   | V3                   |
|                                     | Sample Location:            |            |              |            | WS107                | WS107                | WS107                | WS107                | D2/E2                | D2/E2                | D2/E2                |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Date Sampled:               |            |              |            | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |



## **Test Methods**

| <b>SOP</b> | <b>Title</b>                                               | <b>Parameters included</b> | <b>Method summary</b>                                                                                |
|------------|------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------|
| 2030       | Moisture and Stone Content of Soils(Requirement of MCERTS) | Moisture content           | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C. |
| 2040       | Soil Description(Requirement of MCERTS)                    | Soil description           | As received soil is described based upon BS5930                                                      |
| 2192       | Asbestos                                                   | Asbestos                   | Polarised light microscopy / Gravimetry                                                              |



## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

---

### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21797-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 11                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

**Project: Saunderton - 223159**

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-21797             | 22-21797             | 22-21797             | 22-21797             | 22-21797             |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            |              |            | 1446586              | 1446587              | 1446588              | 1446589              | 1446590              |
|                                     | Client Sample ID.:          |            |              |            | V1                   | V2                   | V3                   | V4                   | V5                   |
|                                     | Sample Location:            |            |              |            | E2/TP02              | E2/TP02              | E2/TP02              | E2/TP02              | E2/TP02              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Date Sampled:               |            |              |            | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |



## **Test Methods**

| <b>SOP</b> | <b>Title</b>                                               | <b>Parameters included</b> | <b>Method summary</b>                                                                                |
|------------|------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------|
| 2030       | Moisture and Stone Content of Soils(Requirement of MCERTS) | Moisture content           | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C. |
| 2040       | Soil Description(Requirement of MCERTS)                    | Soil description           | As received soil is described based upon BS5930                                                      |
| 2192       | Asbestos                                                   | Asbestos                   | Polarised light microscopy / Gravimetry                                                              |



## **Report Information**

---

### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

---

### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

---

**Report No.:** 22-22904-1  
**Initial Date of Issue:** 24-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 20-Jun-2022

**Order No.:** **Date Instructed:** 20-Jun-2022

**No. of Samples:** 5

**Turnaround (Wkdays):** 4 **Results Due:** 23-Jun-2022

**Date Approved:** 24-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-22904             | 22-22904             | 22-22904             | 22-22904             | 22-22904             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1451473              | 1451474              | 1451475              | 1451476              | 1451477              |
| <b>Order No.:</b>                   | Client Sample Ref.:         |            |              |            | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              |
|                                     | Client Sample ID.:          |            |              |            | V/W5                 | V/E5                 | V/B4                 | V/B5                 | V/B3                 |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 1.0                  | 1.00                 | 3.30                 | 1.30                 | 2.50                 |
|                                     | Date Sampled:               |            |              |            | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 19                   | 16                   | 18                   | 13                   | 17                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Beige                | White                | White                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Chalk                | Sand                 | Chalk                |
| pH                                  | M                           | 2010       |              | 4.0        | 8.9                  | 8.7                  | 8.9                  | 8.9                  | 9.2                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               | < 0.40               | 0.42                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.062                | 0.11                 | 0.17                 | 0.17                 | 0.015                |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | 0.50                 | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | < 0.5                | < 0.5                | 1.2                  | < 0.5                |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 0.9                  | 1.4                  | 2.8                  | 0.7                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 1.9                  | 3.9                  | 6.0                  | 10                   | 2.3                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 0.53                 | 1.5                  | 1.8                  | 3.6                  | 1.6                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 1.6                  | 6.3                  | 8.0                  | 19                   | 0.92                 |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.6                  | 2.5                  | 1.5                  | 3.2                  | 1.0                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 6.3                  | 11                   | 17                   | 40                   | 5.4                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 2.3                  | 1.9                  | 0.39                 | 2.5                  | 4.3                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22904     | 22-22904    | 22-22904    | 22-22904    | 22-22904    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1451473      | 1451474     | 1451475     | 1451476     | 1451477     |
| Order No.:                          | Client Sample Ref.:         |            | D2/TP05      | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05     |
|                                     | Client Sample ID.:          |            | V/W5         | V/E5        | V/B4        | V/B5        | V/B3        |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 1.0          | 1.00        | 3.30        | 1.30        | 2.50        |
|                                     | Date Sampled:               |            | 16-Jun-2022  | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 |
|                                     | Asbestos Lab:               |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | < 10        |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 6.2         |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 2.1         |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 11          |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 11          |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 5.2         |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 5.9         |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 5.5         |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 2.5         |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 4.6         |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | 54          |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      |



## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

### **Key**

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|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

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- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

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All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Final Report

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**Report No.:** 22-22906-1  
**Initial Date of Issue:** 23-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 20-Jun-2022

**Order No.:** **Date Instructed:** 20-Jun-2022

**No. of Samples:** 7

**Turnaround (Wkdays):** 4 **Results Due:** 23-Jun-2022

**Date Approved:** 23-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-22906             | 22-22906             | 22-22906             | 22-22906             | 22-22906             | 22-22906             | 22-22906             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1451480              | 1451481              | 1451482              | 1451483              | 1451484              | 1451485              | 1451486              |
| <b>Order No.:</b>                   | <b>Client Sample Ref.:</b>  |            |              |            | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              |
|                                     | <b>Client Sample ID.:</b>   |            |              |            | V/N                  | V/E1                 | V/W1                 | V/B1                 | V/E2                 | V/W2                 | V/B2                 |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Date Sampled:</b>        |            |              |            | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 22                   | 21                   | 21                   | 20                   | 18                   | 17                   | 21                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Beige                | Beige                | Beige                | Beige                | Beige                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.2                  | 9.3                  | 9.1                  | 9.2                  | 9.2                  | 9.3                  | 9.3                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               | 0.49                 | < 0.40               | < 0.40               | 0.94                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | < 0.010              | 0.012                | 0.021                | 0.027                | < 0.010              | 0.11                 | 0.011                |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | 0.60                 | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 0.7                  | < 0.5                | 1.4                  | < 0.5                | < 0.5                | < 0.5                |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | < 0.10               | < 0.10               | 0.10                 | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 1.1                  | 1.0                  | 2.1                  | 0.6                  | 0.7                  | 0.6                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 1.1                  | 2.9                  | 2.4                  | 6.0                  | 2.0                  | 2.2                  | 1.8                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 0.66                 | 3.1                  | 1.7                  | 2.6                  | 0.90                 | 1.0                  | 1.0                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 0.80                 | 1.4                  | 1.9                  | 6.5                  | 2.8                  | 3.3                  | 1.9                  |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | 0.33                 | 0.27                 | 0.25                 | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.7                  | 2.3                  | 1.7                  | 2.8                  | 1.0                  | 1.1                  | 1.1                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 4.1                  | 7.0                  | 8.6                  | 25                   | 11                   | 12                   | 6.9                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 4.7                  | 4.7                  | 2.4                  | 1.2                  | 3.7                  | 1.2                  | 4.5                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |



## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |             |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22906     | 22-22906    | 22-22906    | 22-22906    | 22-22906    | 22-22906    | 22-22906    | 22-22906 |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1451480      | 1451481     | 1451482     | 1451483     | 1451484     | 1451485     | 1451486     |          |
| Order No.:                          | Client Sample Ref.:         |            | D2/TP05      | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05  |
|                                     | Client Sample ID.:          |            | V/N          | V/E1        | V/W1        | V/B1        | V/E2        | V/W2        | V/B2        |          |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |
|                                     | Date Sampled:               |            | 16-Jun-2022  | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 |          |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |          |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0    |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | < 10        | < 10        | < 10        | < 10     |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.58        | < 0.10      | 1.2      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.15        | < 0.10      | 0.27     |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.99        | < 0.10      | 2.3      |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 0.94        | < 0.10      | 2.2      |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | 2.7         | < 2.0       | 6.0      |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |



## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

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**Report No.:** 22-22910-1  
**Initial Date of Issue:** 23-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 20-Jun-2022

**Order No.:** **Date Instructed:** 20-Jun-2022

**No. of Samples:** 4

**Turnaround (Wkdays):** 4 **Results Due:** 23-Jun-2022

**Date Approved:** 23-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-22910             | 22-22910             | 22-22910             | 22-22910             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1451490              | 1451491              | 1451492              | 1451493              |
| <b>Order No.:</b>                   | <b>Client Sample Ref.:</b>  |            |              |            | D2/TP05              | D2/TP05              | D2/TP05              | D2/TP05              |
|                                     | <b>Client Sample ID.:</b>   |            |              |            | V/E3                 | V/W3                 | V/E4                 | V/W4                 |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.80                 | 0.60                 | 1.00                 | 1.20                 |
|                                     | <b>Date Sampled:</b>        |            |              |            | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          | 16-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 17                   | 17                   | 20                   | 20                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | Beige                | Beige                | Beige                | Beige                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.4                  | 8.9                  | 9.3                  | 9.1                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | 0.63                 | 0.43                 | 0.99                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.031                | 0.074                | 0.081                | 0.019                |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | 1.9                  | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | 0.75                 | < 0.50               | < 0.50               |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 2.1                  | 2.5                  | 1.5                  | 3.0                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | 0.16                 | 0.13                 | < 0.10               | 0.18                 |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 2.9                  | 3.6                  | 1.8                  | 3.8                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 25                   | 9.7                  | 5.3                  | 14                   |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 5.3                  | 4.5                  | 2.7                  | 4.7                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 45                   | 15                   | 6.8                  | 14                   |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | 0.28                 | < 0.25               | 0.25                 | 0.25                 |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 5.5                  | 8.7                  | 2.9                  | 6.0                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 68                   | 31                   | 18                   | 26                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 1.2                  | 2.1                  | 7.5                  | 5.4                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | 70                   | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 70                   | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-22910    | 22-22910    | 22-22910    | 22-22910    |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1451490     | 1451491     | 1451492     | 1451493     |
| <b>Order No.:</b>                   | <b>Client Sample Ref.:</b>  |            |              |            | D2/TP05     | D2/TP05     | D2/TP05     | D2/TP05     |
|                                     | <b>Client Sample ID.:</b>   |            |              |            | V/E3        | V/W3        | V/E4        | V/W4        |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.80        | 0.60        | 1.00        | 1.20        |
|                                     | <b>Date Sampled:</b>        |            |              |            | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 | 16-Jun-2022 |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |             |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0        | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0        | 130         | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0        | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0        | 130         | < 5.0       | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0       | 200         | < 10        | < 10        | < 10        |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10       | 3.1         | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10       | 1.1         | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10       | 4.3         | < 0.10      | < 0.10      | 1.4         |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10       | 4.2         | < 0.10      | < 0.10      | 1.5         |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10       | 1.8         | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10       | 2.0         | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0        | 17          | < 2.0       | < 2.0       | 2.9         |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10       | < 0.10      | < 0.10      | < 0.10      | < 0.10      |



## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

# Final Report

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**Report No.:** 22-25927-1  
**Initial Date of Issue:** 13-Jul-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 11-Jul-2022

**Order No.:** **Date Instructed:** 11-Jul-2022

**No. of Samples:** 7

**Turnaround (Wkdays):** 3 **Results Due:** 13-Jul-2022

**Date Approved:** 13-Jul-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |                      |                      |             |             |             |             |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|-------------|-------------|-------------|-------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-25927             | 22-25927             | 22-25927    | 22-25927    | 22-25927    | 22-25927    | 22-25927             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1464852              | 1464854              | 1464856     | 1464857     | 1464858     | 1464859     | 1464860              |
|                                     | <b>Client Sample ID.:</b>   |            |              |            | V/B1                 | V/B1                 | V/N1        | V/E1        | V/S1        | V/W1        | V/B1                 |
|                                     | <b>Sample Location:</b>     |            |              |            | E1/TP02              | E1/TP01              | D1/TP02     | D1/TP02     | D1/TP02     | D1/TP02     | D1/TP02              |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL        | SOIL        | SOIL        | SOIL        | SOIL                 |
|                                     | <b>Date Sampled:</b>        |            |              |            | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | DURHAM               | DURHAM               |             |             |             |             | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |             |             |             |             |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    |             |             |             |             | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected |             |             |             |             | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 20                   | 19                   | 20          | 20          | 19          | 20          | 17                   |
| pH                                  | U                           | 2010       |              | 4.0        | 8.1                  | 7.9                  |             |             |             |             | 8.2                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               |             |             |             |             | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | 0.013                | 0.017                |             |             |             |             | < 0.010              |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               |             |             |             |             | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 0.84                 | 1.4                  |             |             |             |             | 1.1                  |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | < 0.5                | < 0.5                |             |             |             |             | < 0.5                |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | 0.11                 | < 0.10               |             |             |             |             | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 0.6                  | < 0.5                |             |             |             |             | < 0.5                |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 1.3                  | 0.58                 |             |             |             |             | 1.1                  |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               |             |             |             |             | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 1.4                  | 0.53                 |             |             |             |             | 1.2                  |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 1.1                  | < 0.50               |             |             |             |             | 0.66                 |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | 0.28                 | 0.26                 |             |             |             |             | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.8                  | < 0.5                |             |             |             |             | 0.6                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 4.9                  | 2.8                  |             |             |             |             | 4.6                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               |             |             |             |             | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | 0.74                 | 2.3                  |             |             |             |             | 2.1                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0                |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-25927     | 22-25927    | 22-25927    | 22-25927    | 22-25927    | 22-25927    | 22-25927    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1464852      | 1464854     | 1464856     | 1464857     | 1464858     | 1464859     | 1464860     |
|                                     | Client Sample ID.:          |            | V/B1         | V/B1        | V/N1        | V/E1        | V/S1        | V/W1        | V/B1        |
|                                     | Sample Location:            |            | E1/TP02      | E1/TP01     | D1/TP02     | D1/TP02     | D1/TP02     | D1/TP02     | D1/TP02     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Date Sampled:               |            | 07-Jul-2022  | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 | 07-Jul-2022 |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      |             |             |             |             | DURHAM      |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | < 10        | < 10        | < 10        |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       |             |             | < 2.0       |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      |             |             | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |



## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

# Final Report

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**Report No.:** 22-26011-1  
**Initial Date of Issue:** 13-Jul-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 11-Jul-2022

**Order No.:** **Date Instructed:** 11-Jul-2022

**No. of Samples:** 9

**Turnaround (Wkdays):** 3 **Results Due:** 13-Jul-2022

**Date Approved:** 13-Jul-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-26011             | 22-26011             | 22-26011             | 22-26011             | 22-26011             | 22-26011             | 22-26011             | 22-26011             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1465118              | 1465119              | 1465120              | 1465121              | 1465122              | 1465123              | 1465124              | 1465125              |
|                                     | <b>Client Sample ID.:</b>   |            |              |            | V/N1                 | V/N2                 | V/E1                 | Hotspot 1            | V/S1                 | V/W1                 | V/W2                 | V/B1                 |
|                                     | <b>Sample Location:</b>     |            |              |            | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         | E1-F1-Area 1         |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Date Sampled:</b>        |            |              |            | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          | 07-Jul-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 20                   | 19                   | 19                   | 17                   | 17                   | 18                   | 18                   | 16                   |
| pH                                  | U                           | 2010       |              | 4.0        | 8.3                  | 8.3                  | 8.2                  | 7.9                  | 8.4                  | 7.8                  | 8.3                  | 8.0                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               | < 0.40               | 0.54                 | < 0.40               | < 0.40               | < 0.40               | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | < 0.010              | < 0.010              | 0.033                | 0.022                | 0.023                | 0.024                | 0.016                | 0.015                |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | 0.68                 | 0.66                 | 0.94                 | 1.2                  | 1.1                  | 1.2                  | 0.71                 |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | < 0.5                | 0.9                  | 0.9                  | 3.0                  | < 0.5                | < 0.5                | < 0.5                | < 0.5                |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | < 0.10               | 0.12                 | < 0.10               | 0.24                 | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 0.5                  | 2.1                  | 1.2                  | 6.7                  | 0.8                  | 0.9                  | 0.7                  | 1.1                  |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 1.1                  | 3.3                  | 4.6                  | 21                   | 1.7                  | 2.7                  | 2.1                  | 2.7                  |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 1.1                  | 3.3                  | 2.0                  | 5.2                  | 1.1                  | 1.3                  | 1.2                  | 1.2                  |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 0.72                 | 2.6                  | 3.1                  | 23                   | 1.8                  | 2.0                  | 1.6                  | 2.2                  |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | < 0.25               | < 0.25               | < 0.25               | 0.39                 | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.8                  | 2.8                  | 2.3                  | 14                   | 1.2                  | 1.5                  | 1.2                  | 1.4                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 4.5                  | 10                   | 16                   | 84                   | 8.4                  | 9.2                  | 11                   | 13                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | 0.37                 | 1.2                  | 0.64                 | 0.29                 | < 0.20               | 1.9                  | 0.44                 | 0.70                 |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |



## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |              |              |              |              |              |              |              |              |
|-------------------------------------|-----------------------------|------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-26011     | 22-26011     | 22-26011     | 22-26011     | 22-26011     | 22-26011     | 22-26011     | 22-26011     |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1465118      | 1465119      | 1465120      | 1465121      | 1465122      | 1465123      | 1465124      | 1465125      |
|                                     | Client Sample ID.:          |            |              |            | V/N1         | V/N2         | V/E1         | Hotspot 1    | V/S1         | V/W1         | V/W2         | V/B1         |
|                                     | Sample Location:            |            |              |            | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 | E1-F1-Area 1 |
|                                     | Sample Type:                |            |              |            | SOIL         | SOIL         | SOIL         | SOIL         | SOIL         | SOIL         | SOIL         | SOIL         |
|                                     | Date Sampled:               |            |              |            | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  | 07-Jul-2022  |
|                                     | Asbestos Lab:               |            |              |            | NEW-ASB      | NEW-ASB      | NEW-ASB      | NEW-ASB      | NEW-ASB      | NEW-ASB      | NEW-ASB      | NEW-ASB      |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |              |              |              |              |              |              |              |              |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0       | < 10         | < 10         | < 10         | < 10         | < 10         | < 10         | < 10         | < 10         |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0        | < 2.0        | < 2.0        | < 2.0        | < 2.0        | < 2.0        | < 2.0        | < 2.0        | < 2.0        |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       | < 0.10       |

## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd        | Chemtest Job No.:    |      | 22-26011     |       |                      |
|-------------------------------------|----------------------|------|--------------|-------|----------------------|
| Quotation No.:                      | Chemtest Sample ID.: |      | 1465126      |       |                      |
|                                     | Client Sample ID.:   |      | V/B2         |       |                      |
|                                     | Sample Location:     |      | E1-F1-Area 1 |       |                      |
|                                     | Sample Type:         |      | SOIL         |       |                      |
|                                     | Date Sampled:        |      | 07-Jul-2022  |       |                      |
|                                     | Asbestos Lab:        |      | NEW-ASB      |       |                      |
| Determinand                         | Accred.              | SOP  | Units        | LOD   |                      |
| ACM Type                            | U                    | 2192 |              | N/A   | -                    |
| Asbestos Identification             | U                    | 2192 |              | N/A   | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %            | 0.020 | 15                   |
| pH                                  | U                    | 2010 |              | 4.0   | 8.1                  |
| Boron (Hot Water Soluble)           | U                    | 2120 | mg/kg        | 0.40  | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                    | 2120 | g/l          | 0.010 | 0.021                |
| Cyanide (Total)                     | U                    | 2300 | mg/kg        | 0.50  | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg        | 0.50  | 1.3                  |
| Arsenic                             | U                    | 2455 | mg/kg        | 0.5   | < 0.5                |
| Cadmium                             | U                    | 2455 | mg/kg        | 0.10  | < 0.10               |
| Chromium                            | U                    | 2455 | mg/kg        | 0.5   | 0.6                  |
| Copper                              | U                    | 2455 | mg/kg        | 0.50  | 2.7                  |
| Mercury                             | U                    | 2455 | mg/kg        | 0.05  | < 0.05               |
| Nickel                              | U                    | 2455 | mg/kg        | 0.50  | 1.4                  |
| Lead                                | U                    | 2455 | mg/kg        | 0.50  | 1.9                  |
| Selenium                            | U                    | 2455 | mg/kg        | 0.25  | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg        | 0.5   | 1.1                  |
| Zinc                                | U                    | 2455 | mg/kg        | 0.50  | 21                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg        | 0.50  | < 0.50               |
| Total Organic Carbon                | U                    | 2625 | %            | 0.20  | 1.8                  |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C8-C10               | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C10-C12              | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C12-C16              | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C16-C21              | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C21-C35              | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg        | 5.0   | < 5.0                |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C8-C10                | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C10-C12               | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C12-C16               | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C16-C21               | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C21-C35               | U                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C35-C44               | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Total Aromatic Hydrocarbons         | N                    | 2680 | mg/kg        | 5.0   | < 5.0                |

## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-26011     |      |        |
|------------------------------|----------------------|------|--------------|------|--------|
| Quotation No.:               | Chemtest Sample ID.: |      | 1465126      |      |        |
|                              | Client Sample ID.:   |      | V/B2         |      |        |
|                              | Sample Location:     |      | E1-F1-Area 1 |      |        |
|                              | Sample Type:         |      | SOIL         |      |        |
|                              | Date Sampled:        |      | 07-Jul-2022  |      |        |
|                              | Asbestos Lab:        |      | NEW-ASB      |      |        |
| Determinand                  | Accred.              | SOP  | Units        | LOD  |        |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg        | 10.0 | < 10   |
| Naphthalene                  | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthylene               | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthene                 | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluorene                     | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Phenanthrene                 | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Anthracene                   | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluoranthene                 | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Pyrene                       | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]anthracene           | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Chrysene                     | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[b]fluoranthene         | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[k]fluoranthene         | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]pyrene               | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Indeno(1,2,3-c,d)Pyrene      | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Dibenz(a,h)Anthracene        | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[g,h,i]perylene         | U                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Total Of 16 PAH's            | U                    | 2700 | mg/kg        | 2.0  | < 2.0  |
| Total Phenols                | U                    | 2920 | mg/kg        | 0.10 | < 0.10 |



## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

---

### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

---

### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)

# 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)



DARVF-AYHQB-YK1E2

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

## Job name

Saunderton (MADE GROUND)

## Description/Comments

## Project

223159-MG

## Site

Saunderton (MG)

## Classified by

Name:

**Jack Taylor**

Date:

**21 Jun 2022 10:49 GMT**

Telephone:

**01235 536042**

Company:

**AA Environmental Limited**

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  | TP310       | 0.5         | Non Hazardous         |                             | 3    |
| 2  | TP311       | 0.7         | Non Hazardous         |                             | 5    |
| 3  | TP312       | 1.3         | Non Hazardous         |                             | 7    |
| 4  | TP313       | 0.5         | Non Hazardous         |                             | 9    |
| 5  | TP314       | 0.5         | Non Hazardous         |                             | 11   |
| 6  | TP315       | 0.6         | Non Hazardous         |                             | 13   |
| 7  | TP316       | 0.4         | Non Hazardous         |                             | 15   |
| 8  | TP317       | 0.7         | Non Hazardous         |                             | 17   |
| 9  | TP318       | 0.5         | Non Hazardous         |                             | 20   |
| 10 | TP322       | 0.7         | Non Hazardous         |                             | 22   |
| 11 | TP323       | 0.7         | Non Hazardous         |                             | 24   |
| 12 | TP324       | 1.2         | Non Hazardous         |                             | 26   |
| 13 | TP327       | 0.45        | Non Hazardous         |                             | 28   |
| 14 | TP329       | 0.4         | Hazardous             | HP 8                        | 30   |
| 15 | TP332       | 0.6         | Non Hazardous         |                             | 32   |
| 16 | TP332[2]    | 1.1         | Non Hazardous         |                             | 35   |
| 17 | TP334       | 0.4         | Hazardous             | HP 3(i), HP 7, HP 11        | 38   |
| 18 | TP335       | 0.4         | Hazardous             | HP 3(i), HP 7, HP 11, HP 14 | 41   |
| 19 | TP342       | 0.4         | Hazardous             | HP 8                        | 44   |
| 20 | D1/TP01     | 0.05 - 0.80 | Non Hazardous         |                             | 46   |
| 21 | D1/TP02     | 0.05 - 0.80 | Hazardous             | HP 3(i), HP 7, HP 11        | 49   |
| 22 | E1/TP01     | 0.05 - 0.85 | Non Hazardous         |                             | 52   |
| 23 | E1/TP02     | 0.30 - 1.30 | Non Hazardous         |                             | 55   |
| 24 | E2/TP02     | 0.10 - 1.10 | Non Hazardous         |                             | 58   |
| 25 | E2/TP01     | 0.05 - 0.80 | Non Hazardous         |                             | 61   |
| 26 | D2/TP02     | 0.20 - 1.20 | Non Hazardous         |                             | 64   |
| 27 | D2/TP01     | 0.20 - 0.50 | Non Hazardous         |                             | 67   |
| 28 | D2/TP03     | 0.00 - 0.50 | Non Hazardous         |                             | 70   |
| 29 | E2/TP04     | 0.00 - 0.50 | Non Hazardous         |                             | 73   |
| 30 | E2/TP03     | 0.12 - 0.45 | Non Hazardous         |                             | 76   |



| #  | Sample name  | Depth [m]   | Classification Result | Hazard properties                  | Page |
|----|--------------|-------------|-----------------------|------------------------------------|------|
| 31 | E2/TP05      | 0.10 - 1.30 | Non Hazardous         |                                    | 79   |
| 32 | D2/TP05      | 0.35 - 0.70 | Hazardous             | HP 3(i), HP 7, HP 11               | 82   |
| 33 | D3/TP02      | 0.25 - 0.65 | Hazardous             | HP 3(i), HP 7, HP 11               | 85   |
| 34 | D3/TP03      | 0.40 - 1.1  | Non Hazardous         |                                    | 88   |
| 35 | D4/TP05      | 0.30 - 1.30 | Non Hazardous         |                                    | 91   |
| 36 | D4/TP04      | 0.20 - 1.30 | Hazardous             | HP 3(i), HP 7, HP 11               | 94   |
| 37 | E3/TP01      | 0.20 - 0.45 | Non Hazardous         |                                    | 97   |
| 38 | E3/TP02      | 0.70 - 1.70 | Non Hazardous         |                                    | 100  |
| 39 | E4/TP03 (SP) | N/A         | Non Hazardous         |                                    | 103  |
| 40 | E5/TP01      | 0.25 - 1.10 | Hazardous             | HP 3(i), HP 7, HP 10, HP 11, HP 14 | 105  |
| 41 | C2/TP02      | 0.00 - 0.70 | Non Hazardous         |                                    | 108  |
| 42 | D3/TP05      | 0.60 - 0.85 | Non Hazardous         |                                    | 111  |
| 43 | D4/TP02      | 0.00 - 0.50 | Non Hazardous         |                                    | 114  |
| 44 | D5/TP05      | 0.40 - 0.70 | Non Hazardous         |                                    | 117  |
| 45 | D6/TP02      | 0.00 - 0.10 | Hazardous             | HP 3(i), HP 7, HP 11               | 120  |
| 46 | D6/TP03      | 0.00 - 0.10 | Hazardous             | HP 3(i), HP 7, HP 11               | 123  |
| 47 | D6/TP05      | 0.08 - 0.40 | Hazardous             | HP 3(i), HP 7, HP 11               | 126  |
| 48 | E4/TP03      | 0.00 - 0.50 | Non Hazardous         |                                    | 129  |
| 49 | E5/TP02      | 0.00 - 0.80 | Non Hazardous         |                                    | 132  |
| 50 | D5/TP03      | 0.00 - 0.10 | Non Hazardous         |                                    | 135  |
| 51 | E6/TP01      | 0.00 - 0.20 | Non Hazardous         |                                    | 138  |
| 52 | E6/TP02      | 0.00 - 0.90 | Non Hazardous         |                                    | 141  |
| 53 | E4/TP01 (SP) | N/A         | Non Hazardous         |                                    | 144  |
| 54 | E4/TP02 (SP) | N/A         | Non Hazardous         |                                    | 147  |

#### Related documents

| # | Name               | Description                                   |
|---|--------------------|-----------------------------------------------|
| 1 | AAe 2020 (V1.2 GB) | waste stream template used to create this Job |

#### Report

Created by: Jack Taylor

Created date: 21 Jun 2022 10:49 GMT

| Appendices                                                                 | Page |
|----------------------------------------------------------------------------|------|
| <a href="#">Appendix A: Classifier defined and non GB MCL determinands</a> | 150  |
| <a href="#">Appendix B: Rationale for selection of metal species</a>       | 151  |
| <a href="#">Appendix C: Version</a>                                        | 152  |

Classification of sample: TP310

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP310</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.7               | mg/kg | 3.22         | 2.254          | mg/kg | 0.000225 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 5.3               | mg/kg | 1.126        | 5.967          | mg/kg | 0.000597 %           |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 2.9               | mg/kg | 2.976        | 8.631          | mg/kg | 0.000863 %           |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 12                | mg/kg | 2.774        | 33.29          | mg/kg | 0.00333 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.00603 %            |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)



Classification of sample: TP311

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

**Sample details**

Sample name: **TP311** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)  
Sample Depth: **0.7 m** Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP 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 }                                                                                             |           |            |          | 3.9 mg/kg         | 1.32         | 5.149 mg/kg    | 0.000515 %  |                      |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 1 mg/kg           | 3.22         | 3.22 mg/kg     | 0.000322 %  |                      |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2 mg/kg         | 1.142        | 0.228 mg/kg    | 0.0000228 % |                      |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2 mg/kg         | 1.923        | 2.308 mg/kg    | 0.000231 %  |                      |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                |             |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 30 mg/kg          | 1.126        | 33.777 mg/kg   | 0.00338 %   |                      |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |             |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 8.3 mg/kg         | 1.56         | 12.946 mg/kg   | 0.00083 %   |                      |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |             |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3 mg/kg         | 1.353        | 0.406 mg/kg    | 0.0000406 % |                      |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |             |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 12 mg/kg          | 2.976        | 35.715 mg/kg   | 0.00357 %   |                      |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |             |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1 mg/kg           | 1.405        | 1.405 mg/kg    | 0.000141 %  |                      |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |              |                |             |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 40 mg/kg          | 2.774        | 110.966 mg/kg  | 0.0111 %    |                      |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |             |                      |            |                |
| 11 | pH                                                                                                                       |           | PH         |          | 8.7 pH            |              | 8.7 pH         | 8.7 pH      |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %  |                      |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |              |                |             |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |              |                |             |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |              |                |             |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |              |                |             |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |              |                |             |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |              |                |             |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0205 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP312

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

## Sample details

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP312</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>1.3 m</b>  |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1.3               | mg/kg | 1.32         | 1.716          | mg/kg | 0.000172 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 2.1               | mg/kg | 3.22         | 6.762          | mg/kg | 0.000676 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 100               | mg/kg | 1.126        | 112.589        | mg/kg | 0.0113 %             |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 8.8               | mg/kg | 1.56         | 13.726         | mg/kg | 0.00088 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 12                | mg/kg | 2.976        | 35.715         | mg/kg | 0.00357 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 63                | mg/kg | 2.774        | 174.771        | mg/kg | 0.0175 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           | PH         |          | 8.6               | pH    |              | 8.6            | pH    | 8.6 pH               |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.25              | mg/kg |              | 0.25           | mg/kg | 0.000025 %           |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.81 mg/kg        |              | 0.81 mg/kg     | 0.000081 %           |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.79 mg/kg        |              | 0.79 mg/kg     | 0.000079 %           |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.44 mg/kg        |              | 0.44 mg/kg     | 0.000044 %           |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.26 mg/kg        |              | 0.26 mg/kg     | 0.000026 %           |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.22 mg/kg        |              | 0.22 mg/kg     | 0.000022 %           |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.23 mg/kg        |              | 0.23 mg/kg     | 0.000023 %           |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.035 %              |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)



Classification of sample: TP313

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

Sample details

Sample name: **TP313** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)  
Sample Depth: **0.5 m** Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 4.2               | mg/kg | 1.32         | 5.545          | mg/kg | 0.000555 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 1.5               | mg/kg | 3.22         | 4.83           | mg/kg | 0.000483 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.4               | mg/kg | 1.142        | 0.457          | mg/kg | 0.0000457 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 12                | mg/kg | 1.126        | 13.511         | mg/kg | 0.00135 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 19                | mg/kg | 1.56         | 29.636         | mg/kg | 0.0019 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 13                | mg/kg | 2.976        | 38.691         | mg/kg | 0.00387 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 44                | mg/kg | 2.774        | 122.062        | mg/kg | 0.0122 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           | PH         |          | 8.5               | pH    |              | 8.5            | pH    | 8.5 pH               |            |                |
|    |                                                                                                                          |           |            |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0212 %             |            |                |

#### Key

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  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP314

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

## Sample details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP314</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>11%</b>        |                                                                                           |
| (no correction)   |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 11% No 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 }                                                                                                                                                           |           |            |          | 6.3               | mg/kg | 1.32         | 8.318          | mg/kg | 0.000832 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.1               | mg/kg | 2.775        | 0.278          | mg/kg | 0.0000278 %          |            |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.3               | mg/kg | 3.22         | 0.966          | mg/kg | 0.0000966 %          |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.3               | mg/kg | 1.462        | 7.746          | mg/kg | 0.000775 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 8.1               | mg/kg | 1.126        | 9.12           | mg/kg | 0.000912 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 8  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.9               | mg/kg | 1.56         | 4.523          | mg/kg | 0.00029 %            |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 9                 | mg/kg | 2.976        | 26.786         | mg/kg | 0.00268 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 16                | mg/kg | 2.774        | 44.386         | mg/kg | 0.00444 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 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                 | mg/kg | 1.884        | 1.884          | mg/kg | 0.000188 %           |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.7               | pH    |              | 8.7            | pH    | 8.7 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                        |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-052-00-2                       | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                     |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-917-1 | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-469-6 | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-695-5 | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-581-5 | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                         |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-371-1 | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-912-4 | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-927-3 | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                       | 200-280-6 | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                           |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-048-00-0                       | 205-923-4 | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                       | 205-911-9 | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene              |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                 |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | phenol                             |           |            |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 604-001-00-2                       | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.011 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)



Classification of sample: TP315

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP315</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 9.5               | mg/kg | 1.126        | 10.696         | mg/kg | 0.00107 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 10                | mg/kg | 1.56         | 15.598         | mg/kg | 0.001 %              |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 3.3               | mg/kg | 2.976        | 9.822          | mg/kg | 0.000982 %           |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 28                | mg/kg | 2.774        | 77.676         | mg/kg | 0.00777 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.6               | pH    |              | 8.6            | pH    | 8.6 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0119 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP316

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

## Sample details

|                                |                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------|
| Sample name:                   | LoW Code:                                                                                 |
| <b>TP316</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>3.1%</b><br>(no correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 3.1% No 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 }                                                                                                                                                           |           |            |          | 18 mg/kg          | 1.32         | 23.766 mg/kg   | 0.00238 %            |            |                |
|    | 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 %          |            |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.3 mg/kg         | 3.22         | 0.966 mg/kg    | 0.0000966 %          |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 1 mg/kg           | 1.142        | 1.142 mg/kg    | 0.000114 %           |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 8.3 mg/kg         | 1.462        | 12.131 mg/kg   | 0.00121 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 1.2 mg/kg         | 1.923        | 2.308 mg/kg    | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 18 mg/kg          | 1.126        | 20.266 mg/kg   | 0.00203 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 8  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 240 mg/kg         | 1.56         | 374.356 mg/kg  | 0.024 %              |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.3 mg/kg         | 1.353        | 0.406 mg/kg    | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 7.2 mg/kg         | 2.976        | 21.429 mg/kg   | 0.00214 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 2.6 mg/kg         | 1.405        | 3.653 mg/kg    | 0.000365 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 140 mg/kg         | 2.774        | 388.381 mg/kg  | 0.0388 %             |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 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 mg/kg           | 1.884        | 1.884 mg/kg    | 0.000188 %           |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.6 pH            |              | 8.6 pH         | 8.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                        |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-052-00-2                       | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                     |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-917-1 | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-469-6 | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-695-5 | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-581-5 | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                         |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-371-1 | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-912-4 | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-927-3 | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                       | 200-280-6 | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                           |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-048-00-0                       | 205-923-4 | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                       | 205-911-9 | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene              |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                 |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | phenol                             |           |            |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 604-001-00-2                       | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.072 %              |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)



## Classification of sample: TP317

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

## Sample details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP317</b>      | Chapter:                                                                                  |
| Sample Depth:     | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.7 m</b>      | Entry:                                                                                    |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>5%</b>         |                                                                                           |
| (no correction)   |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 5% No 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         | 14.524 mg/kg   | 0.00145 %            |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                            |           |            |          | 0.7 mg/kg         | 2.775        | 1.943 mg/kg    | 0.000194 %           |            |                |
|    | 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 %          |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2 mg/kg         | 1.142        | 0.228 mg/kg    | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |           |            |          | 23 mg/kg          | 1.462        | 33.616 mg/kg   | 0.00336 %            |            |                |
|    |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2 mg/kg         | 1.923        | 2.308 mg/kg    | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 11 mg/kg          | 1.126        | 12.385 mg/kg   | 0.00124 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 8  | lead { lead chromate }                                                                                                   |           |            | 1        | 9.5 mg/kg         | 1.56         | 14.818 mg/kg   | 0.00095 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3 mg/kg         | 1.353        | 0.406 mg/kg    | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                               |           |            |          | 19 mg/kg          | 2.976        | 56.549 mg/kg   | 0.00565 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1 mg/kg           | 1.405        | 1.405 mg/kg    | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |              |                |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                   |           |            |          | 32 mg/kg          | 2.774        | 88.773 mg/kg   | 0.00888 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 13 | TPH (C6 to C40) petroleum group                                                                                          |           |            |          | 68 mg/kg          |              | 68 mg/kg       | 0.0068 %             |            |                |
|    |                                                                                                                          |           | TPH        |          |                   |              |                |                      |            |                |
| 14 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                 |           |            |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|    | 603-181-00-X                                                                                                             | 216-653-1 | 1634-04-4  |          |                   |              |                |                      |            |                |
| 15 | benzene                                                                                                                  |           |            |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|    | 601-020-00-8                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                            |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |            | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                    | EC Number                                                        | CAS Number                                                   |          |                   |              |                |            |                      |            |                |
| 16     | toluene                                                                                                                                                                                |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %   |                      |            |                |
|        | 601-021-00-3                                                                                                                                                                           | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |            |                      |            |                |
| 17     | ethylbenzene                                                                                                                                                                           |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %   |                      |            |                |
|        | 601-023-00-4                                                                                                                                                                           | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |            |                      |            |                |
| 18     | xylene                                                                                                                                                                                 |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %   |                      |            |                |
|        | 601-022-00-9                                                                                                                                                                           | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |            |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |                                                                  |                                                              |          | 1 mg/kg           | 1.884        | 1.884 mg/kg    | 0.000188 % |                      |            |                |
|        | 006-007-00-5                                                                                                                                                                           |                                                                  |                                                              |          |                   |              |                |            |                      |            |                |
| 20     | pH                                                                                                                                                                                     |                                                                  |                                                              |          | 8.8 pH            |              | 8.8 pH         | 8.8 pH     |                      |            |                |
|        |                                                                                                                                                                                        |                                                                  |                                                              |          |                   |              |                |            |                      |            |                |
| 21     | naphthalene                                                                                                                                                                            |                                                                  |                                                              |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 % |                      |            |                |
|        | 601-052-00-2                                                                                                                                                                           | 202-049-5                                                        | 91-20-3                                                      |          |                   |              |                |            |                      |            |                |
| 22     | acenaphthylene                                                                                                                                                                         |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 205-917-1                                                        | 208-96-8                                                     |          |                   |              |                |            |                      |            |                |
| 23     | acenaphthene                                                                                                                                                                           |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 201-469-6                                                        | 83-32-9                                                      |          |                   |              |                |            |                      |            |                |
| 24     | fluorene                                                                                                                                                                               |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 201-695-5                                                        | 86-73-7                                                      |          |                   |              |                |            |                      |            |                |
| 25     | phenanthrene                                                                                                                                                                           |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 201-581-5                                                        | 85-01-8                                                      |          |                   |              |                |            |                      |            |                |
| 26     | anthracene                                                                                                                                                                             |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 204-371-1                                                        | 120-12-7                                                     |          |                   |              |                |            |                      |            |                |
| 27     | fluoranthene                                                                                                                                                                           |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 205-912-4                                                        | 206-44-0                                                     |          |                   |              |                |            |                      |            |                |
| 28     | pyrene                                                                                                                                                                                 |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 204-927-3                                                        | 129-00-0                                                     |          |                   |              |                |            |                      |            |                |
| 29     | benzo[a]anthracene                                                                                                                                                                     |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        | 601-033-00-9                                                                                                                                                                           | 200-280-6                                                        | 56-55-3                                                      |          |                   |              |                |            |                      |            |                |
| 30     | chrysene                                                                                                                                                                               |                                                                  |                                                              |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 % |                      |            |                |
|        | 601-048-00-0                                                                                                                                                                           | 205-923-4                                                        | 218-01-9                                                     |          |                   |              |                |            |                      |            |                |
| 31     | benzo[b]fluoranthene                                                                                                                                                                   |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        | 601-034-00-4                                                                                                                                                                           | 205-911-9                                                        | 205-99-2                                                     |          |                   |              |                |            |                      |            |                |
| 32     | benzo[k]fluoranthene                                                                                                                                                                   |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        | 601-036-00-5                                                                                                                                                                           | 205-916-6                                                        | 207-08-9                                                     |          |                   |              |                |            |                      |            |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        | 601-032-00-3                                                                                                                                                                           | 200-028-5                                                        | 50-32-8                                                      |          |                   |              |                |            |                      |            |                |
| 34     | indeno[123-cd]pyrene                                                                                                                                                                   |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        |                                                                                                                                                                                        | 205-893-2                                                        | 193-39-5                                                     |          |                   |              |                |            |                      |            |                |
| 35     | dibenz[a,h]anthracene                                                                                                                                                                  |                                                                  |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %  |                      |            |                |
|        | 601-041-00-2                                                                                                                                                                           | 200-181-8                                                        | 53-70-3                                                      |          |                   |              |                |            |                      |            |                |
| 36     | benzo[ghi]perylene                                                                                                                                                                     |                                                                  |                                                              |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 % |                      |            |                |
|        |                                                                                                                                                                                        | 205-883-8                                                        | 191-24-2                                                     |          |                   |              |                |            |                      |            |                |
| 37     | phenol                                                                                                                                                                                 |                                                                  |                                                              |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %   |                      |            |                |
|        | 604-001-00-2                                                                                                                                                                           | 203-632-7                                                        | 108-95-2                                                     |          |                   |              |                |            |                      |            |                |
| Total: |                                                                                                                                                                                        |                                                                  |                                                              |          |                   |              |                |            | 0.0301 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

## Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

**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 In soils

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0068%)

xylene: (conc.: 0.0001%)

## Classification of sample: TP318

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

## Sample details

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                          |
| <b>TP318</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>1.5%</b>       |                                                                                                    |
| (no correction)   |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 1.5% No 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 }                                                                                       |           |            |          | 2.4 mg/kg         | 1.32         | 3.169 mg/kg    | 0.000317 %  |                      |            |                |
|    | 033-003-00-0                                                                                                       | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                            |           |            |          | 0.8 mg/kg         | 3.22         | 2.576 mg/kg    | 0.000258 %  |                      |            |                |
|    | 005-008-00-8                                                                                                       | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                          |           |            |          | 0.6 mg/kg         | 1.142        | 0.685 mg/kg    | 0.0000685 % |                      |            |                |
|    | 048-002-00-0                                                                                                       | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                          |           |            |          | 1.2 mg/kg         | 1.923        | 2.308 mg/kg    | 0.000231 %  |                      |            |                |
|    | 024-001-00-0                                                                                                       | 215-607-8 | 1333-82-0  |          |                   |              |                |             |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                        |           |            |          | 49 mg/kg          | 1.126        | 55.169 mg/kg   | 0.00552 %   |                      |            |                |
|    | 029-002-00-X                                                                                                       | 215-270-7 | 1317-39-1  |          |                   |              |                |             |                      |            |                |
| 6  | lead { lead chromate }                                                                                             |           |            | 1        | 27 mg/kg          | 1.56         | 42.115 mg/kg   | 0.0027 %    |                      |            |                |
|    | 082-004-00-2                                                                                                       | 231-846-0 | 7758-97-6  |          |                   |              |                |             |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                     |           |            |          | 0.3 mg/kg         | 1.353        | 0.406 mg/kg    | 0.0000406 % |                      |            |                |
|    | 080-010-00-X                                                                                                       | 231-299-8 | 7487-94-7  |          |                   |              |                |             |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                         |           |            |          | 8.8 mg/kg         | 2.976        | 26.191 mg/kg   | 0.00262 %   |                      |            |                |
|    | 028-035-00-7                                                                                                       | 238-766-5 | 14721-18-7 |          |                   |              |                |             |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex } |           |            |          | 1 mg/kg           | 1.405        | 1.405 mg/kg    | 0.000141 %  |                      |            |                |
|    | 034-002-00-8                                                                                                       |           |            |          |                   |              |                |             |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                             |           |            |          | 200 mg/kg         | 2.774        | 554.829 mg/kg  | 0.0555 %    |                      |            |                |
|    | 024-007-00-3                                                                                                       | 236-878-9 | 13530-65-9 |          |                   |              |                |             |                      |            |                |
| 11 | pH                                                                                                                 |           | PH         |          | 8.5 pH            |              | 8.5 pH         | 8.5 pH      |                      |            |                |
| 12 | naphthalene                                                                                                        |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %  |                      |            |                |
|    | 601-052-00-2                                                                                                       | 202-049-5 | 91-20-3    |          |                   |              |                |             |                      |            |                |
| 13 | acenaphthylene                                                                                                     |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                    | 205-917-1 | 208-96-8   |          |                   |              |                |             |                      |            |                |
| 14 | acenaphthene                                                                                                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                    | 201-469-6 | 83-32-9    |          |                   |              |                |             |                      |            |                |
| 15 | fluorene                                                                                                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                    | 201-695-5 | 86-73-7    |          |                   |              |                |             |                      |            |                |
| 16 | phenanthrene                                                                                                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                    | 201-581-5 | 85-01-8    |          |                   |              |                |             |                      |            |                |



| #      | 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     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0677 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP322

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

## Sample details

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP322</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>0.7 m</b>  |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                              |              |            | CLP Note   | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|--------------|------------|------------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number    | CAS Number |            |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             | 033-003-00-0 | 215-481-4  | 1327-53-3  | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  | 005-008-00-8 | 215-125-8  | 1303-86-2  | 0.2               | mg/kg | 3.22         | 0.644          | mg/kg | 0.0000644 %          |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                | 048-002-00-0 | 215-146-2  | 1306-19-0  | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                | 024-001-00-0 | 215-607-8  | 1333-82-0  | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              | 029-002-00-X | 215-270-7  | 1317-39-1  | 4.6               | mg/kg | 1.126        | 5.179          | mg/kg | 0.000518 %           |            |                |
| 6  | lead { lead chromate }                                                                                                   | 082-004-00-2 | 231-846-0  | 7758-97-6  | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
| 7  | mercury { mercury dichloride }                                                                                           | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
| 8  | nickel { nickel chromate }                                                                                               | 028-035-00-7 | 238-766-5  | 14721-18-7 | 1.7               | mg/kg | 2.976        | 5.06           | mg/kg | 0.000506 %           |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 |            |            | 2.1               | mg/kg | 1.405        | 2.951          | mg/kg | 0.000295 %           |            |                |
| 10 | zinc { zinc chromate }                                                                                                   | 024-007-00-3 | 236-878-9  | 13530-65-9 | 6.3               | mg/kg | 2.774        | 17.477         | mg/kg | 0.00175 %            |            |                |
| 11 | pH                                                                                                                       |              | PH         |            | 8.5               | pH    |              | 8.5            | pH    | 8.5 pH               |            |                |
| 12 | naphthalene                                                                                                              | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
| 13 | acenaphthylene                                                                                                           |              | 205-917-1  | 208-96-8   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 14 | acenaphthene                                                                                                             |              | 201-469-6  | 83-32-9    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 15 | fluorene                                                                                                                 |              | 201-695-5  | 86-73-7    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 16 | phenanthrene                                                                                                             |              | 201-581-5  | 85-01-8    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 17 | anthracene                                                                                                               |              | 204-371-1  | 120-12-7   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.004 %              |            |                |

Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

## Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP323

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

## Sample details

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP323</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>0.7 m</b>  |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 6.3               | mg/kg | 1.32         | 8.318          | mg/kg | 0.000832 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 2.1               | mg/kg | 3.22         | 6.762          | mg/kg | 0.000676 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 25                | mg/kg | 1.126        | 28.147         | mg/kg | 0.00281 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 36                | mg/kg | 1.56         | 56.153         | mg/kg | 0.0036 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 9.6               | mg/kg | 2.976        | 28.572         | mg/kg | 0.00286 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 82                | mg/kg | 2.774        | 227.48         | mg/kg | 0.0227 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 10.5              | pH    |              | 10.5           | pH    | 10.5 pH              |            |                |
|    |                                                                                                                          |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.19              | mg/kg |              | 0.19           | mg/kg | 0.000019 %           |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.56 mg/kg        |              | 0.56 mg/kg     | 0.000056 %           |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.49 mg/kg        |              | 0.49 mg/kg     | 0.000049 %           |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.32 mg/kg        |              | 0.32 mg/kg     | 0.000032 %           |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.21 mg/kg        |              | 0.21 mg/kg     | 0.000021 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.36 mg/kg        |              | 0.36 mg/kg     | 0.000036 %           |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.15 mg/kg        |              | 0.15 mg/kg     | 0.000015 %           |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.25 mg/kg        |              | 0.25 mg/kg     | 0.000025 %           |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0345 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP324

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

## Sample details

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP324</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>1.2 m</b>  |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 2.1               | mg/kg | 1.32         | 2.773          | mg/kg | 0.000277 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 1.1               | mg/kg | 3.22         | 3.542          | mg/kg | 0.000354 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 7.7               | mg/kg | 1.126        | 8.669          | mg/kg | 0.000867 %           |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 2.6               | mg/kg | 1.56         | 4.056          | mg/kg | 0.00026 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 4.9               | mg/kg | 2.976        | 14.584         | mg/kg | 0.00146 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 19                | mg/kg | 2.774        | 52.709         | mg/kg | 0.00527 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 10.3              | pH    |              | 10.3           | pH    | 10.3 pH              |            |                |
|    |                                                                                                                          |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.00927 %            |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP327

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

## Sample details

|               |                                                                                           |
|---------------|-------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                 |
| <b>TP327</b>  | Chapter:                                                                                  |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.45 m</b> | Entry:                                                                                    |
|               | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP 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                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.2               | mg/kg | 3.22         | 0.644          | mg/kg | 0.0000644 %          |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 3.1               | mg/kg | 1.126        | 3.49           | mg/kg | 0.000349 %           |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 2.3               | mg/kg | 2.976        | 6.845          | mg/kg | 0.000685 %           |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 5.4               | mg/kg | 2.774        | 14.98          | mg/kg | 0.0015 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.2               | pH    |              | 8.2            | pH    | 8.2 pH               |            |                |
|    |                                                                                                                          |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.00361 %            |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP329

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

## Sample details

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP329</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>0.4 m</b>  |                                                                                                    |

## Hazard properties

**HP 8: Corrosive** "waste which on application can cause skin corrosion"

**pH; pH** "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 12.3 pH)

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 15                | mg/kg | 1.32         | 19.805         | mg/kg | 0.00198 %            |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 2.3               | mg/kg | 3.22         | 7.406          | mg/kg | 0.000741 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 14                | mg/kg | 1.126        | 15.762         | mg/kg | 0.00158 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 5.7               | mg/kg | 1.56         | 8.891          | mg/kg | 0.00057 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 12                | mg/kg | 2.976        | 35.715         | mg/kg | 0.00357 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 23                | mg/kg | 2.774        | 63.805         | mg/kg | 0.00638 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 12.3              | pH    |              | 12.3           | pH    | 12.3 pH              |            |                |
|    |                                                                                                                          |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 16     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 17     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0156 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP332

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

## Sample details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP332</b>      | Chapter:                                                                                  |
| Sample Depth:     | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.6 m</b>      | Entry:                                                                                    |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>        |                                                                                           |
| (no correction)   |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                             |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                     | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { <b>arsenic trioxide</b> }                                                                                     |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { <b>diboron trioxide; boric oxide</b> }                                                                          |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                            | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { <b>cadmium oxide</b> }                                                                                        |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                            | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { <b>chromium(III) oxide (worst case)</b> }                                         |           |            |          | 1.1               | mg/kg | 1.462        | 1.608          | mg/kg | 0.000161 %           |            |                |
|    |                                                                                                                         | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { <b>chromium(VI) oxide</b> }                                                        |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                            | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                      |           |            |          | 3.7               | mg/kg | 1.126        | 4.166          | mg/kg | 0.000417 %           |            |                |
|    | 029-002-00-X                                                                                                            | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { <b>lead chromate</b> }                                                                                           |           |            | 1        | 1.3               | mg/kg | 1.56         | 2.028          | mg/kg | 0.00013 %            |            |                |
|    | 082-004-00-2                                                                                                            | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { <b>mercury dichloride</b> }                                                                                   |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                            | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { <b>nickel chromate</b> }                                                                                       |           |            |          | 3.6               | mg/kg | 2.976        | 10.715         | mg/kg | 0.00107 %            |            |                |
|    | 028-035-00-7                                                                                                            | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                            |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { <b>zinc chromate</b> }                                                                                           |           |            |          | 7.3               | mg/kg | 2.774        | 20.251         | mg/kg | 0.00203 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                         |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 603-181-00-X                                                                                                            | 216-653-1 | 1634-04-4  |          |                   |       |              |                |       |                      |            |                |
| 14 | benzene                                                                                                                 |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-020-00-8                                                                                                            | 200-753-7 | 71-43-2    |          |                   |       |              |                |       |                      |            |                |
| 15 | toluene                                                                                                                 |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 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                                                     |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
| 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] |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
| 18     | pH                                                 |                                                                  | PH                                                           |          | 9 pH              |              | 9 pH           | 9pH                  |            |                |
| 19     | naphthalene<br>601-052-00-2                        | 202-049-5                                                        | 91-20-3                                                      |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 20     | acenaphthylene<br>205-917-1                        |                                                                  | 208-96-8                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | acenaphthene<br>201-469-6                          |                                                                  | 83-32-9                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 22     | fluorene<br>201-695-5                              |                                                                  | 86-73-7                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | phenanthrene<br>201-581-5                          |                                                                  | 85-01-8                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | anthracene<br>204-371-1                            |                                                                  | 120-12-7                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | fluoranthene<br>205-912-4                          |                                                                  | 206-44-0                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | pyrene<br>204-927-3                                |                                                                  | 129-00-0                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[a]anthracene<br>601-033-00-9                 | 200-280-6                                                        | 56-55-3                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 28     | chrysene<br>601-048-00-0                           | 205-923-4                                                        | 218-01-9                                                     |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 29     | benzo[b]fluoranthene<br>601-034-00-4               | 205-911-9                                                        | 205-99-2                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 30     | benzo[k]fluoranthene<br>601-036-00-5               | 205-916-6                                                        | 207-08-9                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 | 200-028-5                                                        | 50-32-8                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 32     | indeno[123-cd]pyrene<br>205-893-2                  |                                                                  | 193-39-5                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2              | 200-181-8                                                        | 53-70-3                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 34     | benzo[ghi]perylene<br>205-883-8                    |                                                                  | 191-24-2                                                     |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 35     | phenol<br>604-001-00-2                             | 203-632-7                                                        | 108-95-2                                                     |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                                    |                                                                  |                                                              |          |                   |              |                | 0.00634 %            |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

**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 In soils

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

xylene: (conc.: 0.0001%)

Classification of sample: TP332[2]

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

**Sample details**

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP332[2]</b>   | Chapter:                                                                                  |
| Sample Depth:     | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.1 m</b>      | Entry:                                                                                    |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>        |                                                                                           |
| (no correction)   |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 20% No 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                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.2               | mg/kg | 3.22         | 0.644          | mg/kg | 0.0000644 %          |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |           |            |          | 1                 | mg/kg | 1.462        | 1.462          | mg/kg | 0.000146 %           |            |                |
|    |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 5.3               | mg/kg | 1.126        | 5.967          | mg/kg | 0.000597 %           |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                   |           |            | 1        | 5.2               | mg/kg | 1.56         | 8.111          | mg/kg | 0.00052 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                               |           |            |          | 2.1               | mg/kg | 2.976        | 6.25           | mg/kg | 0.000625 %           |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                   |           |            |          | 7                 | mg/kg | 2.774        | 19.419         | mg/kg | 0.00194 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                          |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                 |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 603-181-00-X                                                                                                             | 216-653-1 | 1634-04-4  |          |                   |       |              |                |       |                      |            |                |
| 14 | benzene                                                                                                                  |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-020-00-8                                                                                                             | 200-753-7 | 71-43-2    |          |                   |       |              |                |       |                      |            |                |
| 15 | toluene                                                                                                                  |           |            |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 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                                                     |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
| 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] |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
| 18     | pH                                                 |                                                                  | PH                                                           |          | 8.8 pH            |              | 8.8 pH         | 8.8 pH               |            |                |
| 19     | naphthalene<br>601-052-00-2                        | 202-049-5                                                        | 91-20-3                                                      |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 20     | acenaphthylene<br>205-917-1                        | 208-96-8                                                         |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | acenaphthene<br>201-469-6                          | 83-32-9                                                          |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 22     | fluorene<br>201-695-5                              | 86-73-7                                                          |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | phenanthrene<br>201-581-5                          | 85-01-8                                                          |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | anthracene<br>204-371-1                            | 120-12-7                                                         |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | fluoranthene<br>205-912-4                          | 206-44-0                                                         |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | pyrene<br>204-927-3                                | 129-00-0                                                         |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[a]anthracene<br>601-033-00-9                 | 200-280-6                                                        | 56-55-3                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 28     | chrysene<br>601-048-00-0                           | 205-923-4                                                        | 218-01-9                                                     |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 29     | benzo[b]fluoranthene<br>601-034-00-4               | 205-911-9                                                        | 205-99-2                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 30     | benzo[k]fluoranthene<br>601-036-00-5               | 205-916-6                                                        | 207-08-9                                                     |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 | 200-028-5                                                        | 50-32-8                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 32     | indeno[123-cd]pyrene<br>205-893-2                  | 193-39-5                                                         |                                                              |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2              | 200-181-8                                                        | 53-70-3                                                      |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 34     | benzo[ghi]perylene<br>205-883-8                    | 191-24-2                                                         |                                                              |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 35     | phenol<br>604-001-00-2                             | 203-632-7                                                        | 108-95-2                                                     |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                                    |                                                                  |                                                              |          |                   |              |                | 0.00631 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

xylene: (conc.: 0.0001%)



## Classification of sample: TP334

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

## Sample details

|               |           |                                                                                           |
|---------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code: |                                                                                           |
| <b>TP334</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>0.4 m</b>  |           |                                                                                           |

## 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.: 0.104%)

**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.: 0.104%)

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

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

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.104%)

xylene: (conc.: 0.0001%)

## Determinands

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

| # | Determinand                                                                                                      |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|---|------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                              | EC Number | CAS Number |          |                   |              |                |       |                      |            |                |
| 1 |  arsenic { arsenic trioxide } |           |            |          | 21 mg/kg          | 1.32         | 27.727         | mg/kg | 0.00277 %            |            |                |
|   | 033-003-00-0                                                                                                     | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |

| #  | Determinand                                                                                                              |                                                                  |                                                              | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number                                                        | CAS Number                                                   |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |                                                                  |                                                              |          | 11                | mg/kg | 3.22         | 35.419         | mg/kg | 0.00354 %            |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8                                                        | 1303-86-2                                                    |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |                                                                  |                                                              |          | 1.8               | mg/kg | 1.142        | 2.056          | mg/kg | 0.000206 %           |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2                                                        | 1306-19-0                                                    |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |                                                                  |                                                              |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8                                                        | 1333-82-0                                                    |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |                                                                  |                                                              |          | 1100              | mg/kg | 1.126        | 1238.477       | mg/kg | 0.124 %              |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7                                                        | 1317-39-1                                                    |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |                                                                  |                                                              | 1        | 110               | mg/kg | 1.56         | 171.58         | mg/kg | 0.011 %              |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0                                                        | 7758-97-6                                                    |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |                                                                  |                                                              |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8                                                        | 7487-94-7                                                    |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |                                                                  |                                                              |          | 83                | mg/kg | 2.976        | 247.03         | mg/kg | 0.0247 %             |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5                                                        | 14721-18-7                                                   |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |                                                                  |                                                              |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |                                                                  |                                                              |          | 330               | mg/kg | 2.774        | 915.468        | mg/kg | 0.0915 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9                                                        | 13530-65-9                                                   |          |                   |       |              |                |       |                      |            |                |
| 11 | TPH (C6 to C40) petroleum group                                                                                          |                                                                  |                                                              |          | 1042.3            | mg/kg |              | 1042.3         | mg/kg | 0.104 %              |            |                |
|    |                                                                                                                          |                                                                  | TPH                                                          |          |                   |       |              |                |       |                      |            |                |
| 12 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                 |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 603-181-00-X                                                                                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |       |              |                |       |                      |            |                |
| 13 | benzene                                                                                                                  |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-020-00-8                                                                                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |       |              |                |       |                      |            |                |
| 14 | toluene                                                                                                                  |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-021-00-3                                                                                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |       |              |                |       |                      |            |                |
| 15 | ethylbenzene                                                                                                             |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-023-00-4                                                                                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |       |              |                |       |                      |            |                |
| 16 | xylene                                                                                                                   |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 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 | pH                                                                                                                       |                                                                  |                                                              |          | 10.5              | pH    |              | 10.5           | pH    | 10.5 pH              |            |                |
|    |                                                                                                                          |                                                                  | PH                                                           |          |                   |       |              |                |       |                      |            |                |
| 18 | naphthalene                                                                                                              |                                                                  |                                                              |          | 0.65              | mg/kg |              | 0.65           | mg/kg | 0.000065 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5                                                        | 91-20-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 19 | acenaphthylene                                                                                                           |                                                                  |                                                              |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                   |       |              |                |       |                      |            |                |
| 20 | acenaphthene                                                                                                             |                                                                  |                                                              |          | 1.1               | mg/kg |              | 1.1            | mg/kg | 0.00011 %            |            |                |
|    |                                                                                                                          | 201-469-6                                                        | 83-32-9                                                      |          |                   |       |              |                |       |                      |            |                |
| 21 | fluorene                                                                                                                 |                                                                  |                                                              |          | 1.2               | mg/kg |              | 1.2            | mg/kg | 0.00012 %            |            |                |
|    |                                                                                                                          | 201-695-5                                                        | 86-73-7                                                      |          |                   |       |              |                |       |                      |            |                |
| 22 | phenanthrene                                                                                                             |                                                                  |                                                              |          | 8.1               | mg/kg |              | 8.1            | mg/kg | 0.00081 %            |            |                |
|    |                                                                                                                          | 201-581-5                                                        | 85-01-8                                                      |          |                   |       |              |                |       |                      |            |                |
| 23 | anthracene                                                                                                               |                                                                  |                                                              |          | 1.6               | mg/kg |              | 1.6            | mg/kg | 0.00016 %            |            |                |
|    |                                                                                                                          | 204-371-1                                                        | 120-12-7                                                     |          |                   |       |              |                |       |                      |            |                |
| 24 | fluoranthene                                                                                                             |                                                                  |                                                              |          | 5.6               | mg/kg |              | 5.6            | mg/kg | 0.00056 %            |            |                |
|    |                                                                                                                          | 205-912-4                                                        | 206-44-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 25 | pyrene                                                                                                                   |                                                                  |                                                              |          | 5                 | mg/kg |              | 5              | mg/kg | 0.0005 %             |            |                |
|    |                                                                                                                          | 204-927-3                                                        | 129-00-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 26 | benzo[a]anthracene                                                                                                       |                                                                  |                                                              |          | 2.9               | mg/kg |              | 2.9            | mg/kg | 0.00029 %            |            |                |
|    | 601-033-00-9                                                                                                             | 200-280-6                                                        | 56-55-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 27 | chrysene                                                                                                                 |                                                                  |                                                              |          | 3                 | mg/kg |              | 3              | mg/kg | 0.0003 %             |            |                |
|    | 601-048-00-0                                                                                                             | 205-923-4                                                        | 218-01-9                                                     |          |                   |       |              |                |       |                      |            |                |
| 28 | benzo[b]fluoranthene                                                                                                     |                                                                  |                                                              |          | 2.2               | mg/kg |              | 2.2            | mg/kg | 0.00022 %            |            |                |
|    | 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 |          |                   |              |                |                      |            |                |
| 29     | benzo[k]fluoranthene<br>601-036-00-5               | 205-916-6 | 207-08-9   |          | 1.1 mg/kg         |              | 1.1 mg/kg      | 0.00011 %            |            |                |
| 30     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 | 200-028-5 | 50-32-8    |          | 1.7 mg/kg         |              | 1.7 mg/kg      | 0.00017 %            |            |                |
| 31     | indeno[123-cd]pyrene<br>205-893-2                  | 193-39-5  |            |          | 0.5 mg/kg         |              | 0.5 mg/kg      | 0.00005 %            |            |                |
| 32     | 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 %            |            |                |
| 33     | benzo[ghi]perylene<br>205-883-8                    | 191-24-2  |            |          | 0.68 mg/kg        |              | 0.68 mg/kg     | 0.000068 %           |            |                |
| 34     | phenol<br>604-001-00-2                             | 203-632-7 | 108-95-2   |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                                    |           |            |          |                   |              |                | 0.367 %              |            |                |

**Key**

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
|             | User supplied data                                                                                                              |
|             | Hazardous result                                                                                                                |
|             | Potentially Hazardous result                                                                                                    |
|             | Determinand defined or amended by HazWasteOnline (see Appendix A)                                                               |
|             | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| CLP: Note 1 | Only the metal concentration has been used for classification                                                                   |

**Supplementary Hazardous Property Information**

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP335

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

## Sample details

|                   |           |                                                                                           |
|-------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code: |                                                                                           |
| <b>TP335</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>0.4 m</b>      |           |                                                                                           |
| Moisture content: |           |                                                                                           |
| <b>8.9%</b>       |           |                                                                                           |
| (no correction)   |           |                                                                                           |

## Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc chromate: (compound conc.: 0.252%)

**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 determinands:

lead chromate: (Note 1 conc.: 0.11%)

TPH (C6 to C40) petroleum group: (conc.: 0.265%)

**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.: 0.265%)

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

Hazard Statements hit:

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

Because of determinands:

lead chromate: (Note 1 conc.: 0.11%)

zinc chromate: (compound conc.: 0.252%)

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

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

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.265%)

xylene: (conc.: 0.0001%)

**Determinands**

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

| #  | Determinand                                                                                                              |                                                                  |                                                              | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number                                                        | CAS Number                                                   |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |                                                                  |                                                              |          | 63                | mg/kg | 1.32         | 83.181         | mg/kg | 0.00832 %            |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4                                                        | 1327-53-3                                                    |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                            |                                                                  |                                                              |          | 5.7               | mg/kg | 2.775        | 15.819         | mg/kg | 0.00158 %            |            |                |
|    | 004-003-00-8                                                                                                             | 215-133-1                                                        | 1304-56-9                                                    |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                  |                                                                  |                                                              |          | 3.5               | mg/kg | 3.22         | 11.27          | mg/kg | 0.00113 %            |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8                                                        | 1303-86-2                                                    |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                |                                                                  |                                                              |          | 1.6               | mg/kg | 1.142        | 1.828          | mg/kg | 0.000183 %           |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2                                                        | 1306-19-0                                                    |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |                                                                  |                                                              |          | 31                | mg/kg | 1.462        | 45.308         | mg/kg | 0.00453 %            |            |                |
|    |                                                                                                                          | 215-160-9                                                        | 1308-38-9                                                    |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |                                                                  |                                                              |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8                                                        | 1333-82-0                                                    |          |                   |       |              |                |       |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                              |                                                                  |                                                              |          | 660               | mg/kg | 1.126        | 743.086        | mg/kg | 0.0743 %             |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7                                                        | 1317-39-1                                                    |          |                   |       |              |                |       |                      |            |                |
| 8  | lead { lead chromate }                                                                                                   |                                                                  |                                                              | 1        | 1100              | mg/kg | 1.56         | 1715.797       | mg/kg | 0.11 %               |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0                                                        | 7758-97-6                                                    |          |                   |       |              |                |       |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                           |                                                                  |                                                              |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8                                                        | 7487-94-7                                                    |          |                   |       |              |                |       |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                               |                                                                  |                                                              |          | 100               | mg/kg | 2.976        | 297.626        | mg/kg | 0.0298 %             |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5                                                        | 14721-18-7                                                   |          |                   |       |              |                |       |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |                                                                  |                                                              |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                   |                                                                  |                                                              |          | 910               | mg/kg | 2.774        | 2524.473       | mg/kg | 0.252 %              |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9                                                        | 13530-65-9                                                   |          |                   |       |              |                |       |                      |            |                |
| 13 | TPH (C6 to C40) petroleum group                                                                                          |                                                                  |                                                              |          | 2651              | mg/kg |              | 2651           | mg/kg | 0.265 %              |            |                |
|    |                                                                                                                          |                                                                  | TPH                                                          |          |                   |       |              |                |       |                      |            |                |
| 14 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                 |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 603-181-00-X                                                                                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |       |              |                |       |                      |            |                |
| 15 | benzene                                                                                                                  |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-020-00-8                                                                                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |       |              |                |       |                      |            |                |
| 16 | toluene                                                                                                                  |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-021-00-3                                                                                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |       |              |                |       |                      |            |                |
| 17 | ethylbenzene                                                                                                             |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-023-00-4                                                                                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |       |              |                |       |                      |            |                |
| 18 | xylene                                                                                                                   |                                                                  |                                                              |          | 1                 | mg/kg |              | 1              | mg/kg | 0.0001 %             |            |                |
|    | 601-022-00-9                                                                                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |       |              |                |       |                      |            |                |
| 19 | pH                                                                                                                       |                                                                  |                                                              |          | 9.6               | pH    |              | 9.6            | pH    | 9.6 pH               |            |                |
|    |                                                                                                                          |                                                                  | PH                                                           |          |                   |       |              |                |       |                      |            |                |
| 20 | naphthalene                                                                                                              |                                                                  |                                                              |          | 7                 | mg/kg |              | 7              | mg/kg | 0.0007 %             |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5                                                        | 91-20-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 21 | acenaphthylene                                                                                                           |                                                                  |                                                              |          | 2                 | mg/kg |              | 2              | mg/kg | 0.0002 %             |            |                |
|    |                                                                                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                   |       |              |                |       |                      |            |                |
| 22 | acenaphthene                                                                                                             |                                                                  |                                                              |          | 24                | mg/kg |              | 24             | mg/kg | 0.0024 %             |            |                |
|    |                                                                                                                          | 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 |          |                   |              |                |                      |            |                |
| 23     | fluorene                           | 201-695-5    | 86-73-7    |          | 37 mg/kg          |              | 37 mg/kg       | 0.0037 %             |            |                |
| 24     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 250 mg/kg         |              | 250 mg/kg      | 0.025 %              |            |                |
| 25     | anthracene                         | 204-371-1    | 120-12-7   |          | 58 mg/kg          |              | 58 mg/kg       | 0.0058 %             |            |                |
| 26     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 190 mg/kg         |              | 190 mg/kg      | 0.019 %              |            |                |
| 27     | pyrene                             | 204-927-3    | 129-00-0   |          | 140 mg/kg         |              | 140 mg/kg      | 0.014 %              |            |                |
| 28     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 72 mg/kg          |              | 72 mg/kg       | 0.0072 %             |            |                |
| 29     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 53 mg/kg          |              | 53 mg/kg       | 0.0053 %             |            |                |
| 30     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 59 mg/kg          |              | 59 mg/kg       | 0.0059 %             |            |                |
| 31     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 30 mg/kg          |              | 30 mg/kg       | 0.003 %              |            |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 45 mg/kg          |              | 45 mg/kg       | 0.0045 %             |            |                |
| 33     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 22 mg/kg          |              | 22 mg/kg       | 0.0022 %             |            |                |
| 34     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 6.4 mg/kg         |              | 6.4 mg/kg      | 0.00064 %            |            |                |
| 35     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 26 mg/kg          |              | 26 mg/kg       | 0.0026 %             |            |                |
| 36     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.851 %              |            |                |

#### Key

- User supplied data
- Hazardous result
- Potentially Hazardous result
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP342

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

## Sample details

|               |                                                                                           |
|---------------|-------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                 |
| <b>TP342</b>  | Chapter:                                                                                  |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.4 m</b>  | Entry:                                                                                    |
|               | 17 05 03 * (Soil and stones containing hazardous substances)                              |

## Hazard properties

**HP 8: Corrosive** "waste which on application can cause skin corrosion"

**pH; pH** "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 12 pH)

## Determinands

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 11                | mg/kg | 1.32         | 14.524         | mg/kg | 0.00145 %            |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 2.6               | mg/kg | 3.22         | 8.372          | mg/kg | 0.000837 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 21                | mg/kg | 1.126        | 23.644         | mg/kg | 0.00236 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 4.2               | mg/kg | 1.56         | 6.551          | mg/kg | 0.00042 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 8.5               | mg/kg | 2.976        | 25.298         | mg/kg | 0.00253 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 29                | mg/kg | 2.774        | 80.45          | mg/kg | 0.00805 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 12                | pH    |              | 12             | pH    | 12pH                 |            |                |
|    |                                                                                                                          |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 16     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 17     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0164 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: D1/TP01

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

## Sample details

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                          |
| <b>D1/TP01</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>0.05 - 0.80 m</b> |                                                                                                    |
| Moisture content:    |                                                                                                    |
| <b>18%</b>           |                                                                                                    |
| (no correction)      |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: **18% No 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> }                                                                                                                                                           |           |            |          | 3 mg/kg           | 1.32         | 3.961 mg/kg    | 0.000396 %   |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                                  | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  | boron { <b>diboron trioxide; boric oxide</b> }                                                                                                                                                |           |            |          | 1.2 mg/kg         | 3.22         | 3.864 mg/kg    | 0.000386 %   |                      |            |                |
|    | 005-008-00-8                                                                                                                                                                                  | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 3  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                              |           |            |          | 0.2 mg/kg         | 1.142        | 0.228 mg/kg    | 0.0000228 %  |                      |            |                |
|    | 048-002-00-0                                                                                                                                                                                  | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 4  | chromium in chromium(III) compounds { <b>chromium(III) oxide (worst case)</b> }                                                                                                               |           |            |          | 7.1 mg/kg         | 1.462        | 10.377 mg/kg   | 0.00104 %    |                      |            |                |
|    |                                                                                                                                                                                               | 215-160-9 | 1308-38-9  |          |                   |              |                |              |                      |            |                |
| 5  | chromium in chromium(VI) compounds { <b>chromium(VI) oxide</b> }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
|    | 024-001-00-0                                                                                                                                                                                  | 215-607-8 | 1333-82-0  |          |                   |              |                |              |                      |            |                |
| 6  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                            |           |            |          | 6.1 mg/kg         | 1.126        | 6.868 mg/kg    | 0.000687 %   |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                                  | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  | lead { <b>lead chromate</b> }                                                                                                                                                                 |           |            | 1        | 20 mg/kg          | 1.56         | 31.196 mg/kg   | 0.002 %      |                      |            |                |
|    | 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 % |                      |            |                |
|    | 080-010-00-X                                                                                                                                                                                  | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  | nickel { <b>nickel chromate</b> }                                                                                                                                                             |           |            |          | 6.3 mg/kg         | 2.976        | 18.75 mg/kg    | 0.00188 %    |                      |            |                |
|    | 028-035-00-7                                                                                                                                                                                  | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                                      |           |            |          | 0.64 mg/kg        | 1.405        | 0.899 mg/kg    | 0.0000899 %  |                      |            |                |
|    | 034-002-00-8                                                                                                                                                                                  |           |            |          |                   |              |                |              |                      |            |                |
| 11 | zinc { <b>zinc chromate</b> }                                                                                                                                                                 |           |            |          | 26 mg/kg          | 2.774        | 72.128 mg/kg   | 0.00721 %    |                      |            |                |
|    | 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 %      |                      |            |                |
|    |                                                                                                                                                                                               |           | TPH        |          |                   |              |                |              |                      |            |                |
| 13 | cyanides { <b>salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex</b> } |           |            |          | 0.5 mg/kg         | 1.884        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
|    | 006-007-00-5                                                                                                                                                                                  |           |            |          |                   |              |                |              |                      |            |                |
| 14 | pH                                                                                                                                                                                            |           |            |          | 8.4 pH            |              | 8.4 pH         | 8.4 pH       |                      |            |                |
|    |                                                                                                                                                                                               |           | PH         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0153 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

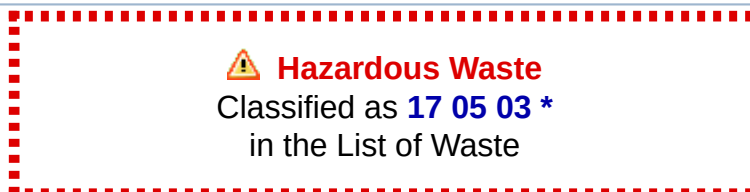
---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: D1/TP02



Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>D1/TP02</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>0.05 - 0.80 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>7.8%</b>          |           |                                                                                           |
| (no 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.: 0.13%)

**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.: 0.13%)

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.: 0.13%)

Determinands

Moisture content: **7.8% No 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 }            |           |            |          | 6.6 mg/kg         | 1.32         | 8.714 mg/kg    | 0.000871 %           |            |                |
|   | 033-003-00-0                            | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 | boron { diboron trioxide; boric oxide } |           |            |          | 0.68 mg/kg        | 3.22         | 2.19 mg/kg     | 0.000219 %           |            |                |
|   | 005-008-00-8                            | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3 | cadmium { cadmium oxide }               |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|   | 048-002-00-0                            | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 7.9               | mg/kg | 1.462        | 11.546         | mg/kg | 0.00115 %            |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 3.4               | mg/kg | 1.126        | 3.828          | mg/kg | 0.000383 %           |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 4.2               | mg/kg | 1.56         | 6.551          | mg/kg | 0.00042 %            |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05              | mg/kg | 1.353        | 0.0677         | mg/kg | 0.00000677 %         |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 7                 | mg/kg | 2.976        | 20.834         | mg/kg | 0.00208 %            |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.52              | mg/kg | 1.405        | 0.731          | mg/kg | 0.0000731 %          |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 16                | mg/kg | 2.774        | 44.386         | mg/kg | 0.00444 %            |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 1300              | mg/kg |              | 1300           | mg/kg | 0.13 %               |            |                |
| 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 10.3              | pH    |              | 10.3           | pH    | 10.3 pH              |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 1.9               | mg/kg |              | 1.9            | mg/kg | 0.00019 %            |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.58              | mg/kg |              | 0.58           | mg/kg | 0.000058 %           |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 12                | mg/kg |              | 12             | mg/kg | 0.0012 %             |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 10                | mg/kg |              | 10             | mg/kg | 0.001 %              |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 76                | mg/kg |              | 76             | mg/kg | 0.0076 %             |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 19                | mg/kg |              | 19             | mg/kg | 0.0019 %             |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 98                | mg/kg |              | 98             | mg/kg | 0.0098 %             |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 81                | mg/kg |              | 81             | mg/kg | 0.0081 %             |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 36                | mg/kg |              | 36             | mg/kg | 0.0036 %             |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 45                | mg/kg |              | 45             | mg/kg | 0.0045 %             |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 55                | mg/kg |              | 55             | mg/kg | 0.0055 %             |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 19                | mg/kg |              | 19             | mg/kg | 0.0019 %             |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 38                | mg/kg |              | 38             | mg/kg | 0.0038 %             |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 30                | mg/kg |              | 30             | mg/kg | 0.003 %              |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 7.6               | mg/kg |              | 7.6            | mg/kg | 0.00076 %            |            |                |

| #      | 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[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8    | 191-24-2    |          | 29 mg/kg          |              | 29 mg/kg       | 0.0029 %             |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |             | H, M     | 560 mg/kg         |              | 560 mg/kg      | 0.056 %              |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6    | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 604-001-00-2 | 203-632-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |          |                   |              |                | 0.252 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

## Classification of sample: E1/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E1/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.05 - 0.85 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>15%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                                   |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                           | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                           |           |            |          | 1.6               | mg/kg | 1.32         | 2.113          | mg/kg | 0.000211 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                                  | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { <b>diboron trioxide; boric oxide</b> }                                                                                                                                                |           |            |          | 0.42              | mg/kg | 3.22         | 1.352          | mg/kg | 0.000135 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                                  | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                                  | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { <b>chromium(III) oxide (worst case)</b> }                                                                                                               |           |            |          | 3.3               | mg/kg | 1.462        | 4.823          | mg/kg | 0.000482 %           |            |                |
|    |                                                                                                                                                                                               | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { <b>chromium(VI) oxide</b> }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                                  | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                            |           |            |          | 2.4               | mg/kg | 1.126        | 2.702          | mg/kg | 0.00027 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                                  | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { <b>lead chromate</b> }                                                                                                                                                                 |           |            | 1        | 2.5               | mg/kg | 1.56         | 3.9            | mg/kg | 0.00025 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                                  | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { <b>nickel chromate</b> }                                                                                                                                                             |           |            |          | 3.4               | mg/kg | 2.976        | 10.119         | mg/kg | 0.00101 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                                  | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                                      |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                                  |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { <b>zinc chromate</b> }                                                                                                                                                                 |           |            |          | 8                 | mg/kg | 2.774        | 22.193         | mg/kg | 0.00222 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                               |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | cyanides { <b>salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex</b> } |           |            |          | 0.5               | mg/kg | 1.884        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                                  |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                            |           |            |          | 9                 | pH    |              | 9              | pH    | 9pH                  |            |                |
|    |                                                                                                                                                                                               |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00619 %            |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E1/TP02

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E1/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.30 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>16%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 1.9 mg/kg         | 1.32         | 2.509 mg/kg    | 0.000251 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.1 mg/kg         | 3.22         | 3.542 mg/kg    | 0.000354 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.11 mg/kg        | 1.142        | 0.126 mg/kg    | 0.0000126 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4.2 mg/kg         | 1.462        | 6.139 mg/kg    | 0.000614 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.8 mg/kg         | 1.126        | 3.152 mg/kg    | 0.000315 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 5.6 mg/kg         | 1.56         | 8.735 mg/kg    | 0.00056 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.1 mg/kg         | 2.976        | 12.203 mg/kg   | 0.00122 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.41 mg/kg        | 1.405        | 0.576 mg/kg    | 0.0000576 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 12 mg/kg          | 2.774        | 33.29 mg/kg    | 0.00333 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.6 pH            |              | 8.6 pH         | 8.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.67 mg/kg        |              | 0.67 mg/kg     | 0.000067 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.91 mg/kg        |              | 0.91 mg/kg     | 0.000091 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00842 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: E2/TP02

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

## Sample details

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                          |
| <b>E2/TP02</b>       | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:        | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>0.10 - 1.10 m</b> |                                                                                                    |
| Moisture content:    |                                                                                                    |
| <b>9.1%</b>          |                                                                                                    |
| (no correction)      |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 9.1% No 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 }                                                                                                                                                           |           |            |          | 4.2               | mg/kg | 1.32         | 5.545          | mg/kg | 0.000555 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.6               | mg/kg | 3.22         | 5.152          | mg/kg | 0.000515 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 7.1               | mg/kg | 1.462        | 10.377         | mg/kg | 0.00104 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 5.2               | mg/kg | 1.126        | 5.855          | mg/kg | 0.000585 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.8               | mg/kg | 1.56         | 10.607         | mg/kg | 0.00068 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 5.8               | mg/kg | 2.976        | 17.262         | mg/kg | 0.00173 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.29              | mg/kg | 1.405        | 0.407          | mg/kg | 0.0000407 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 22                | mg/kg | 2.774        | 61.031         | mg/kg | 0.0061 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.9               | pH    |              | 9.9            | pH    | 9.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.98 mg/kg        |              | 0.98 mg/kg     | 0.000098 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.45 mg/kg        |              | 0.45 mg/kg     | 0.000045 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 2.3 mg/kg         |              | 2.3 mg/kg      | 0.00023 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 2.1 mg/kg         |              | 2.1 mg/kg      | 0.00021 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 1.7 mg/kg         |              | 1.7 mg/kg      | 0.00017 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 2.1 mg/kg         |              | 2.1 mg/kg      | 0.00021 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 15 mg/kg          |              | 15 mg/kg       | 0.0015 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0155 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E2/TP01

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.05 - 0.80 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>11%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 11% No 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 }                                                                                                                                                           |           |            |          | 3.3 mg/kg         | 1.32         | 4.357 mg/kg    | 0.000436 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.51 mg/kg        | 3.22         | 1.642 mg/kg    | 0.000164 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.52 mg/kg        | 1.142        | 0.594 mg/kg    | 0.0000594 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3.9 mg/kg         | 1.462        | 5.7 mg/kg      | 0.00057 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 5.6 mg/kg         | 1.126        | 6.305 mg/kg    | 0.00063 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 30 mg/kg          | 1.56         | 46.794 mg/kg   | 0.003 %              |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.7 mg/kg         | 2.976        | 13.988 mg/kg   | 0.0014 %             |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.37 mg/kg        | 1.405        | 0.52 mg/kg     | 0.000052 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 79 mg/kg          | 2.774        | 219.158 mg/kg  | 0.0219 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.8 pH            |              | 9.8 pH         | 9.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.31 mg/kg        |              | 0.31 mg/kg     | 0.000031 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0298 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D2/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.20 - 1.20 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>11%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **11% No 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 }                                                                                                                                                           |           |            |          | 3.3               | mg/kg | 1.32         | 4.357          | mg/kg | 0.000436 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.66              | mg/kg | 3.22         | 2.125          | mg/kg | 0.000213 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.12              | mg/kg | 1.142        | 0.137          | mg/kg | 0.0000137 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.1               | mg/kg | 1.462        | 7.454          | mg/kg | 0.000745 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 7                 | mg/kg | 1.126        | 7.881          | mg/kg | 0.000788 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.2               | mg/kg | 1.56         | 9.671          | mg/kg | 0.00062 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.9               | mg/kg | 2.976        | 11.607         | mg/kg | 0.00116 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }                                                                |           |            |          | 0.29              | mg/kg | 1.405        | 0.407          | mg/kg | 0.0000407 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 18                | mg/kg | 2.774        | 49.935         | mg/kg | 0.00499 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11                | pH    |              | 11             | pH    | 11pH                 |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0106 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D2/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.20 - 0.50 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>12%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 12% No 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         | 7.526          | mg/kg | 0.000753 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.6               | mg/kg | 3.22         | 1.932          | mg/kg | 0.000193 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 8.2               | mg/kg | 1.462        | 11.985         | mg/kg | 0.0012 %             |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 5.1               | mg/kg | 1.126        | 5.742          | mg/kg | 0.000574 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 3.9               | mg/kg | 1.56         | 6.083          | mg/kg | 0.00039 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 7                 | mg/kg | 2.976        | 20.834         | mg/kg | 0.00208 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 17                | mg/kg | 2.774        | 47.16          | mg/kg | 0.00472 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 64                | mg/kg |              | 64             | mg/kg | 0.0064 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.6              | pH    |              | 10.6           | pH    | 10.6 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0169 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0064%)

## Classification of sample: D2/TP03

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

## Sample details

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                          |
| <b>D2/TP03</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>0.00 - 0.50 m</b> |                                                                                                    |
| Moisture content:    |                                                                                                    |
| <b>13%</b>           |                                                                                                    |
| (no correction)      |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 13% No 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 }                                                                                                                                                           |           |            |          | 3.5               | mg/kg | 1.32         | 4.621          | mg/kg | 0.000462 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.9               | mg/kg | 3.22         | 6.118          | mg/kg | 0.000612 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.23              | mg/kg | 1.142        | 0.263          | mg/kg | 0.0000263 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 7.7               | mg/kg | 1.462        | 11.254         | mg/kg | 0.00113 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 10                | mg/kg | 1.126        | 11.259         | mg/kg | 0.00113 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 16                | mg/kg | 1.56         | 24.957         | mg/kg | 0.0016 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 8.2               | mg/kg | 2.976        | 24.405         | mg/kg | 0.00244 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.34              | mg/kg | 1.405        | 0.478          | mg/kg | 0.0000478 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 51                | mg/kg | 2.774        | 141.481        | mg/kg | 0.0141 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.6               | pH    |              | 8.6            | pH    | 8.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0232 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



Classification of sample: E2/TP04

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP04</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.50 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>8.9%</b>          |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 2.9               | mg/kg | 1.32         | 3.829          | mg/kg | 0.000383 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1                 | mg/kg | 3.22         | 3.22           | mg/kg | 0.000322 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.142        | 0.571          | mg/kg | 0.0000571 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3.1               | mg/kg | 1.462        | 4.531          | mg/kg | 0.000453 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 4.3               | mg/kg | 1.126        | 4.841          | mg/kg | 0.000484 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 17                | mg/kg | 1.56         | 26.517         | mg/kg | 0.0017 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.9               | mg/kg | 2.976        | 8.631          | mg/kg | 0.000863 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 48                | mg/kg | 2.774        | 133.159        | mg/kg | 0.0133 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.9               | pH    |              | 8.9            | pH    | 8.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0192 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E2/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.12 - 0.45 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>12%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **12% No 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 }                                                                                                                                                           |           |            |          | 5.1               | mg/kg | 1.32         | 6.734          | mg/kg | 0.000673 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.55              | mg/kg | 3.22         | 1.771          | mg/kg | 0.000177 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.24              | mg/kg | 1.142        | 0.274          | mg/kg | 0.0000274 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 7.8               | mg/kg | 1.462        | 11.4           | mg/kg | 0.00114 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 7.6               | mg/kg | 1.126        | 8.557          | mg/kg | 0.000856 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 35                | mg/kg | 1.56         | 54.594         | mg/kg | 0.0035 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 6.2               | mg/kg | 2.976        | 18.453         | mg/kg | 0.00185 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 82                | mg/kg | 2.774        | 227.48         | mg/kg | 0.0227 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10                | pH    |              | 10             | pH    | 10pH                 |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 2.3 mg/kg         |              | 2.3 mg/kg      | 0.00023 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.5 mg/kg         |              | 0.5 mg/kg      | 0.00005 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 5.4 mg/kg         |              | 5.4 mg/kg      | 0.00054 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 5.9 mg/kg         |              | 5.9 mg/kg      | 0.00059 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2.3 mg/kg         |              | 2.3 mg/kg      | 0.00023 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 2.9 mg/kg         |              | 2.9 mg/kg      | 0.00029 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 3.5 mg/kg         |              | 3.5 mg/kg      | 0.00035 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2.8 mg/kg         |              | 2.8 mg/kg      | 0.00028 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 2.1 mg/kg         |              | 2.1 mg/kg      | 0.00021 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.87 mg/kg        |              | 0.87 mg/kg     | 0.000087 %           |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 32 mg/kg          |              | 32 mg/kg       | 0.0032 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0387 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E2/TP05

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>17%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 17% No 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 }                                                                                                                                                           |           |            |          | 1.8               | mg/kg | 1.32         | 2.377          | mg/kg | 0.000238 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.12              | mg/kg | 1.142        | 0.137          | mg/kg | 0.0000137 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4.1               | mg/kg | 1.462        | 5.992          | mg/kg | 0.000599 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 9.6               | mg/kg | 1.126        | 10.809         | mg/kg | 0.00108 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 11                | mg/kg | 1.56         | 17.158         | mg/kg | 0.0011 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.1               | mg/kg | 2.976        | 12.203         | mg/kg | 0.00122 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 32                | mg/kg | 2.774        | 88.773         | mg/kg | 0.00888 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 100               | mg/kg |              | 100            | mg/kg | 0.01 %               |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.4               | pH    |              | 8.4            | pH    | 8.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 2.3 mg/kg         |              | 2.3 mg/kg      | 0.00023 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 4.1 mg/kg         |              | 4.1 mg/kg      | 0.00041 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.15 mg/kg        |              | 0.15 mg/kg     | 0.000015 %           |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0245 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.01%)

## Classification of sample: D2/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.35 - 0.70 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>15%</b>           |                                                                                           |
| (no 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: **15% No 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> }            |           |            |          | 6.8 mg/kg         | 1.32         | 8.978 mg/kg    | 0.000898 % |                      |            |                |
|   | 033-003-00-0                                   | 215-481-4 | 1327-53-3  |          |                   |              |                |            |                      |            |                |
| 2 | boron { <b>diboron trioxide; boric oxide</b> } |           |            |          | 0.5 mg/kg         | 3.22         | 1.61 mg/kg     | 0.000161 % |                      |            |                |
|   | 005-008-00-8                                   | 215-125-8 | 1303-86-2  |          |                   |              |                |            |                      |            |                |
| 3 | cadmium { <b>cadmium oxide</b> }               |           |            |          | 0.28 mg/kg        | 1.142        | 0.32 mg/kg     | 0.000032 % |                      |            |                |
|   | 048-002-00-0                                   | 215-146-2 | 1306-19-0  |          |                   |              |                |            |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 7.7 mg/kg         | 1.462        | 11.254 mg/kg   | 0.00113 %    |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 87 mg/kg          | 1.126        | 97.952 mg/kg   | 0.0098 %     |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 670 mg/kg         | 1.56         | 1045.076 mg/kg | 0.067 %      |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05 mg/kg        | 1.353        | 0.0677 mg/kg   | 0.00000677 % |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 13 mg/kg          | 2.976        | 38.691 mg/kg   | 0.00387 %    |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %  |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 190 mg/kg         | 2.774        | 527.088 mg/kg  | 0.0527 %     |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 4300 mg/kg        |              | 4300 mg/kg     | 0.43 %       |                      |            |                |
| 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 11 pH             |              | 11 pH          | 11pH         |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 2.5 mg/kg         |              | 2.5 mg/kg      | 0.00025 %    |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.74 mg/kg        |              | 0.74 mg/kg     | 0.000074 %   |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 3.4 mg/kg         |              | 3.4 mg/kg      | 0.00034 %    |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 4.5 mg/kg         |              | 4.5 mg/kg      | 0.00045 %    |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 37 mg/kg          |              | 37 mg/kg       | 0.0037 %     |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 10 mg/kg          |              | 10 mg/kg       | 0.001 %      |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 43 mg/kg          |              | 43 mg/kg       | 0.0043 %     |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 39 mg/kg          |              | 39 mg/kg       | 0.0039 %     |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 16 mg/kg          |              | 16 mg/kg       | 0.0016 %     |                      |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 17 mg/kg          |              | 17 mg/kg       | 0.0017 %     |                      |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 17 mg/kg          |              | 17 mg/kg       | 0.0017 %     |                      |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 6.9 mg/kg         |              | 6.9 mg/kg      | 0.00069 %    |                      |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 14 mg/kg          |              | 14 mg/kg       | 0.0014 %     |                      |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 8.9 mg/kg         |              | 8.9 mg/kg      | 0.00089 %    |                      |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 4.5 mg/kg         |              | 4.5 mg/kg      | 0.00045 %    |                      |            |                |



| #      | 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[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8 | 191-24-2    |          | 6.7 mg/kg         |              | 6.7 mg/kg      | 0.00067 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 230 mg/kg         |              | 230 mg/kg      | 0.023 %              |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.612 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

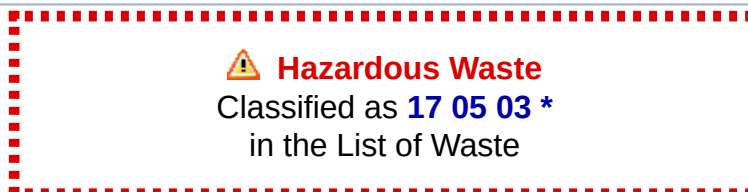
Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

## Classification of sample: D3/TP02



## Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>D3/TP02</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>0.25 - 0.65 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>16%</b>           |           |                                                                                           |
| (no 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.: 0.19%)

**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.: 0.19%)

## 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.: 0.19%)

## Determinands

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

| # | Determinand                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|-----------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|   | EU CLP index number                     | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1 | arsenic { arsenic trioxide }            |           |            |          | 3.4 mg/kg         | 1.32         | 4.489 mg/kg    | 0.000449 %           |            |                |
|   | 033-003-00-0                            | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 | boron { diboron trioxide; boric oxide } |           |            |          | 0.77 mg/kg        | 3.22         | 2.479 mg/kg    | 0.000248 %           |            |                |
|   | 005-008-00-8                            | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3 | cadmium { cadmium oxide }               |           |            |          | 0.56 mg/kg        | 1.142        | 0.64 mg/kg     | 0.000064 %           |            |                |
|   | 048-002-00-0                            | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 11                | mg/kg | 1.462        | 16.077         | mg/kg  | 0.00161 %            |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg  | 0.0000962 %          |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 11                | mg/kg | 1.126        | 12.385         | mg/kg  | 0.00124 %            |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 1                 | 17    | mg/kg        | 1.56           | 26.517 | mg/kg                | 0.0017 %   |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05              | mg/kg | 1.353        | 0.0677         | mg/kg  | 0.00000677 %         |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 8.5               | mg/kg | 2.976        | 25.298         | mg/kg  | 0.00253 %            |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.3               | mg/kg | 1.405        | 0.422          | mg/kg  | 0.0000422 %          |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 86                | mg/kg | 2.774        | 238.577        | mg/kg  | 0.0239 %             |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 1900              | mg/kg |              | 1900           | mg/kg  | 0.19 %               |            |                |
| 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 |            |            | 0.9               | mg/kg | 1.884        | 1.696          | mg/kg  | 0.00017 %            |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 11.1              | pH    |              | 11.1           | pH     | 11.1 pH              |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 0.1               | mg/kg |              | 0.1            | mg/kg  | 0.00001 %            |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number    | CAS Number  |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8    | 191-24-2    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6    | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 604-001-00-2 | 203-632-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |             |          |                   |              |                | 0.222 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

## Classification of sample: D3/TP03

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

## Sample details

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Sample name:        | LoW Code:                                                                                 |
| <b>D3/TP03</b>      | Chapter:                                                                                  |
| Sample Depth:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.40 - 1.1 m</b> | Entry:                                                                                    |
| Moisture content:   | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>          |                                                                                           |
| (no correction)     |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 21% No 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 }                                                                                                                                                           |           |            |          | 2.7 mg/kg         | 1.32         | 3.565 mg/kg    | 0.000356 %   |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.85 mg/kg        | 3.22         | 2.737 mg/kg    | 0.000274 %   |                      |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.16 mg/kg        | 1.142        | 0.183 mg/kg    | 0.0000183 %  |                      |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.5 mg/kg         | 1.462        | 8.039 mg/kg    | 0.000804 %   |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |              |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |              |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 7.9 mg/kg         | 1.126        | 8.895 mg/kg    | 0.000889 %   |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 12 mg/kg          | 1.56         | 18.718 mg/kg   | 0.0012 %     |                      |            |                |
|    | 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 % |                      |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 5.9 mg/kg         | 2.976        | 17.56 mg/kg    | 0.00176 %    |                      |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %  |                      |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 54 mg/kg          | 2.774        | 149.804 mg/kg  | 0.015 %      |                      |            |                |
|    | 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 %      |                      |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.1 pH            |              | 9.1 pH         | 9.1 pH       |                      |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0219 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D4/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.30 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% No 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 }                                                                                                                                                           |           |            |          | 1.2               | mg/kg | 1.32         | 1.584          | mg/kg | 0.000158 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.76              | mg/kg | 3.22         | 2.447          | mg/kg | 0.000245 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.13              | mg/kg | 1.142        | 0.149          | mg/kg | 0.0000149 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3.8               | mg/kg | 1.462        | 5.554          | mg/kg | 0.000555 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 7.7               | mg/kg | 1.126        | 8.669          | mg/kg | 0.000867 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 11                | mg/kg | 1.56         | 17.158         | mg/kg | 0.0011 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.8               | mg/kg | 2.976        | 11.31          | mg/kg | 0.00113 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 49                | mg/kg | 2.774        | 135.933        | mg/kg | 0.0136 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.4               | pH    |              | 9.4            | pH    | 9.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0193 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D4/TP04

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP04</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.20 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>13%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc chromate: (compound conc.: 0.133%)

**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.: 0.2%)

**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.: 0.2%)

## 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.: 0.2%)

## Determinands

Moisture content: **13% No 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         | 14.524 mg/kg   | 0.00145 %            |            |                |
|   | 033-003-00-0                 | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.65              | mg/kg | 3.22         | 2.093          | mg/kg | 0.000209 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.64              | mg/kg | 1.142        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 14                | mg/kg | 1.462        | 20.462         | mg/kg | 0.00205 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 130               | mg/kg | 1.126        | 146.365        | mg/kg | 0.0146 %             |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 200               | mg/kg | 1.56         | 311.963        | mg/kg | 0.02 %               |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 20                | mg/kg | 2.976        | 59.525         | mg/kg | 0.00595 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.36              | mg/kg | 1.405        | 0.506          | mg/kg | 0.0000506 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 480               | mg/kg | 2.774        | 1331.59        | mg/kg | 0.133 %              |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 2000              | mg/kg |              | 2000           | mg/kg | 0.2 %                |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.2              | pH    |              | 11.2           | pH    | 11.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.71              | mg/kg |              | 0.71           | mg/kg | 0.000071 %           |            |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | 2.2               | mg/kg |              | 2.2            | mg/kg | 0.00022 %            |            |                |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |           |            |          | 3.9               | mg/kg |              | 3.9            | mg/kg | 0.00039 %            |            |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |           |            |          | 5                 | mg/kg |              | 5              | mg/kg | 0.0005 %             |            |                |
|    |                                                                                                                                                                                        | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |           |            |          | 51                | mg/kg |              | 51             | mg/kg | 0.0051 %             |            |                |
|    |                                                                                                                                                                                        | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |           |            |          | 22                | mg/kg |              | 22             | mg/kg | 0.0022 %             |            |                |
|    |                                                                                                                                                                                        | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |           |            |          | 130               | mg/kg |              | 130            | mg/kg | 0.013 %              |            |                |
|    |                                                                                                                                                                                        | 205-912-4 | 206-44-0   |          |                   |       |              |                |       |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |           |            |          | 130               | mg/kg |              | 130            | mg/kg | 0.013 %              |            |                |
|    |                                                                                                                                                                                        | 204-927-3 | 129-00-0   |          |                   |       |              |                |       |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     |           |            |          | 67                | mg/kg |              | 67             | mg/kg | 0.0067 %             |            |                |
|    | 601-033-00-9                                                                                                                                                                           | 200-280-6 | 56-55-3    |          |                   |       |              |                |       |                      |            |                |
| 24 | chrysene                                                                                                                                                                               |           |            |          | 68                | mg/kg |              | 68             | mg/kg | 0.0068 %             |            |                |
|    | 601-048-00-0                                                                                                                                                                           | 205-923-4 | 218-01-9   |          |                   |       |              |                |       |                      |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   |           |            |          | 76                | mg/kg |              | 76             | mg/kg | 0.0076 %             |            |                |
|    | 601-034-00-4                                                                                                                                                                           | 205-911-9 | 205-99-2   |          |                   |       |              |                |       |                      |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   |           |            |          | 31                | mg/kg |              | 31             | mg/kg | 0.0031 %             |            |                |
|    | 601-036-00-5                                                                                                                                                                           | 205-916-6 | 207-08-9   |          |                   |       |              |                |       |                      |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     |           |            |          | 66                | mg/kg |              | 66             | mg/kg | 0.0066 %             |            |                |
|    | 601-032-00-3                                                                                                                                                                           | 200-028-5 | 50-32-8    |          |                   |       |              |                |       |                      |            |                |



| #      | 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 |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 205-893-2    | 193-39-5   |          | 38 mg/kg          |              | 38 mg/kg       | 0.0038 %             |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 601-041-00-2 | 200-181-8  |          | 9.5 mg/kg         |              | 9.5 mg/kg      | 0.00095 %            |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8    | 191-24-2   |          | 34 mg/kg          |              | 34 mg/kg       | 0.0034 %             |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 740 mg/kg         |              | 740 mg/kg      | 0.074 %              |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 604-001-00-2 | 203-632-7  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 0.525 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

Classification of sample: E3/TP01

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

**Sample details**

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Sample name:        | LoW Code:                                                                                 |
| <b>E3/TP01</b>      | Chapter:                                                                                  |
| Sample Depth:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.20- 0.45 m</b> | Entry:                                                                                    |
| Moisture content:   | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>6%</b>           |                                                                                           |
| (no correction)     |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 6% No 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         | 14.524 mg/kg   | 0.00145 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 1.1 mg/kg         | 1.142        | 1.257 mg/kg    | 0.000126 %           |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 14 mg/kg          | 1.462        | 20.462 mg/kg   | 0.00205 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 10 mg/kg          | 1.126        | 11.259 mg/kg   | 0.00113 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 86 mg/kg          | 1.56         | 134.144 mg/kg  | 0.0086 %             |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.06 mg/kg        | 1.353        | 0.0812 mg/kg   | 0.00000812 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 13 mg/kg          | 2.976        | 38.691 mg/kg   | 0.00387 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.45 mg/kg        | 1.405        | 0.632 mg/kg    | 0.0000632 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 140 mg/kg         | 2.774        | 388.381 mg/kg  | 0.0388 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.9 pH            |              | 9.9 pH         | 9.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0578 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E3/TP02

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

## Sample details

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                          |
| <b>E3/TP02</b>       | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:        | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>0.70 - 1.70 m</b> |                                                                                                    |
| Moisture content:    |                                                                                                    |
| <b>14%</b>           |                                                                                                    |
| (no correction)      |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 6.5               | mg/kg | 1.32         | 8.582          | mg/kg | 0.000858 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.99              | mg/kg | 3.22         | 3.188          | mg/kg | 0.000319 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.47              | mg/kg | 1.142        | 0.537          | mg/kg | 0.0000537 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 34                | mg/kg | 1.462        | 49.693         | mg/kg | 0.00497 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 140               | mg/kg | 1.126        | 157.624        | mg/kg | 0.0158 %             |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 31                | mg/kg | 1.56         | 48.354         | mg/kg | 0.0031 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 19                | mg/kg | 2.976        | 56.549         | mg/kg | 0.00565 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.39              | mg/kg | 1.405        | 0.548          | mg/kg | 0.0000548 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 93                | mg/kg | 2.774        | 257.996        | mg/kg | 0.0258 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.2              | pH    |              | 10.2           | pH    | 10.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.1 mg/kg         |              | 1.1 mg/kg      | 0.00011 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 1.2 mg/kg         |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.83 mg/kg        |              | 0.83 mg/kg     | 0.000083 %           |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 1.1 mg/kg         |              | 1.1 mg/kg      | 0.00011 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.83 mg/kg        |              | 0.83 mg/kg     | 0.000083 %           |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.49 mg/kg        |              | 0.49 mg/kg     | 0.000049 %           |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.8 mg/kg         |              | 0.8 mg/kg      | 0.00008 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 6.4 mg/kg         |              | 6.4 mg/kg      | 0.00064 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0591 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E4/TP03 (SP)

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

**Sample details**

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Sample name:        | LoW Code:                                                                                 |
| <b>E4/TP03 (SP)</b> | Chapter:                                                                                  |
| Sample Depth:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>N/A m</b>        | Entry:                                                                                    |
| Moisture content:   | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>8.7%</b>         |                                                                                           |
| (no correction)     |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 8.7% No 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 }                                                                                                                                                           |           |            |          | 7.3 mg/kg         | 1.32         | 9.638 mg/kg    | 0.000964 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.66 mg/kg        | 3.22         | 2.125 mg/kg    | 0.000213 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.12 mg/kg        | 1.142        | 0.137 mg/kg    | 0.0000137 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 11 mg/kg          | 1.462        | 16.077 mg/kg   | 0.00161 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 9.8 mg/kg         | 1.126        | 11.034 mg/kg   | 0.0011 %             |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 6  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.6 mg/kg         | 1.56         | 10.295 mg/kg   | 0.00066 %            |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.05 mg/kg        | 1.353        | 0.0677 mg/kg   | 0.00000677 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 8.5 mg/kg         | 2.976        | 25.298 mg/kg   | 0.00253 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.43 mg/kg        | 1.405        | 0.604 mg/kg    | 0.0000604 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 26 mg/kg          | 2.774        | 72.128 mg/kg   | 0.00721 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 11 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 10 mg/kg          |              | 10 mg/kg       | 0.001 %              |            |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 9.1 pH            |              | 9.1 pH         | 9.1 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 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 |          |                   |              |                |                      |            |                |
| 16     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 201-469-6    | 83-32-9    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 17     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 201-695-5    | 86-73-7    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 18     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 201-581-5    | 85-01-8    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 22     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 601-048-00-0 | 205-923-4  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 28     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 29     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8    | 191-24-2   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 30     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| 31     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 604-001-00-2 | 203-632-7  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 0.0158 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### 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 In soils

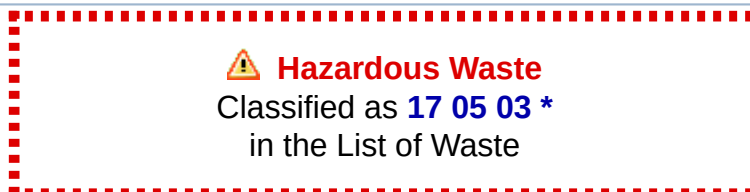
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E5/TP01



Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>E5/TP01</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>0.25 - 1.10 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>16%</b>           |           |                                                                                           |
| (no 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.: 3.8%)

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

Hazard Statements hit:

**Repr. 2; H361d** "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 3.8%)

**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.: 3.8%)

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

Hazard Statements hit:

**Aquatic Chronic 2; H411** "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 3.8%)

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.: 3.8%)

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 4.5               | mg/kg | 1.32         | 5.941          | mg/kg | 0.000594 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 2.7               | mg/kg | 3.22         | 8.694          | mg/kg | 0.000869 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 1.5               | mg/kg | 1.142        | 1.713          | mg/kg | 0.000171 %           |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 19                | mg/kg | 1.462        | 27.77          | mg/kg | 0.00278 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 170               | mg/kg | 1.126        | 191.401        | mg/kg | 0.0191 %             |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 410               | mg/kg | 1.56         | 639.524        | mg/kg | 0.041 %              |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 28                | mg/kg | 2.976        | 83.335         | mg/kg | 0.00833 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.69              | mg/kg | 1.405        | 0.969          | mg/kg | 0.0000969 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 140               | mg/kg | 2.774        | 388.381        | mg/kg | 0.0388 %             |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 38000             | mg/kg |              | 38000          | mg/kg | 3.8 %                |            |                |
|    |                                                                                                                                                                                        |           | 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 } |           |            |          | 0.8               | mg/kg | 1.884        | 1.507          | mg/kg | 0.000151 %           |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10                | pH    |              | 10             | pH    | 10pH                 |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 205-912-4 | 206-44-0   |          |                   |       |              |                |       |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                                                                        | 204-927-3 | 129-00-0   |          |                   |       |              |                |       |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    | 601-033-00-9                                                                                                                                                                           | 200-280-6 | 56-55-3    |          |                   |       |              |                |       |                      |            |                |
| 24 | chrysene                                                                                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    | 601-048-00-0                                                                                                                                                                           | 205-923-4 | 218-01-9   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 3.912 %              |            |                |

#### Key

|  |                                                                                                                                 |
|--|---------------------------------------------------------------------------------------------------------------------------------|
|  | User supplied data                                                                                                              |
|  | 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 |

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)



## Classification of sample: C2/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>C2/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.70 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% No 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 }                                                                                                                                                           |           |            |          | 6.1               | mg/kg | 1.32         | 8.054          | mg/kg | 0.000805 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.96              | mg/kg | 3.22         | 3.091          | mg/kg | 0.000309 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 27                | mg/kg | 1.462        | 39.462         | mg/kg | 0.00395 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 9.1               | mg/kg | 1.126        | 10.246         | mg/kg | 0.00102 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 8.5               | mg/kg | 1.56         | 13.258         | mg/kg | 0.00085 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 16                | mg/kg | 2.976        | 47.62          | mg/kg | 0.00476 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 22                | mg/kg | 2.774        | 61.031         | mg/kg | 0.0061 %             |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 460               | mg/kg |              | 460            | mg/kg | 0.046 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.2              | pH    |              | 11.2           | pH    | 11.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.66 mg/kg        |              | 0.66 mg/kg     | 0.000066 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.11 mg/kg        |              | 0.11 mg/kg     | 0.000011 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.64 mg/kg        |              | 0.64 mg/kg     | 0.000064 %           |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 1.3 mg/kg         |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.81 mg/kg        |              | 0.81 mg/kg     | 0.000081 %           |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.45 mg/kg        |              | 0.45 mg/kg     | 0.000045 %           |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.68 mg/kg        |              | 0.68 mg/kg     | 0.000068 %           |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 8 mg/kg           |              | 8 mg/kg        | 0.0008 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0657 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.046%)

Classification of sample: D3/TP05

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D3/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.60 - 0.85 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>9%</b>            |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 9% No 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 }                                                                                                                                                           |           |            |          | 5.2               | mg/kg | 1.32         | 6.866          | mg/kg | 0.000687 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.79              | mg/kg | 3.22         | 2.544          | mg/kg | 0.000254 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 18                | mg/kg | 1.462        | 26.308         | mg/kg | 0.00263 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 7.3               | mg/kg | 1.126        | 8.219          | mg/kg | 0.000822 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 9.8               | mg/kg | 1.56         | 15.286         | mg/kg | 0.00098 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 11                | mg/kg | 2.976        | 32.739         | mg/kg | 0.00327 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 25                | mg/kg | 2.774        | 69.354         | mg/kg | 0.00694 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.5              | pH    |              | 10.5           | pH    | 10.5 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.89 mg/kg        |              | 0.89 mg/kg     | 0.000089 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.2 mg/kg         |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 1.4 mg/kg         |              | 1.4 mg/kg      | 0.00014 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.55 mg/kg        |              | 0.55 mg/kg     | 0.000055 %           |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.16 mg/kg        |              | 0.16 mg/kg     | 0.000016 %           |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.65 mg/kg        |              | 0.65 mg/kg     | 0.000065 %           |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.32 mg/kg        |              | 0.32 mg/kg     | 0.000032 %           |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.52 mg/kg        |              | 0.52 mg/kg     | 0.000052 %           |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 5.8 mg/kg         |              | 5.8 mg/kg      | 0.00058 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0181 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: D4/TP02

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

## Sample details

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                          |
| <b>D4/TP02</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>0.00 - 0.50 m</b> |                                                                                                    |
| Moisture content:    |                                                                                                    |
| <b>14%</b>           |                                                                                                    |
| (no correction)      |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 5.3               | mg/kg | 1.32         | 6.998          | mg/kg | 0.0007 %             |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.96              | mg/kg | 3.22         | 3.091          | mg/kg | 0.000309 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.19              | mg/kg | 1.142        | 0.217          | mg/kg | 0.0000217 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 9.3               | mg/kg | 1.462        | 13.592         | mg/kg | 0.00136 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 10                | mg/kg | 1.126        | 11.259         | mg/kg | 0.00113 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 11                | mg/kg | 1.56         | 17.158         | mg/kg | 0.0011 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 9.6               | mg/kg | 2.976        | 28.572         | mg/kg | 0.00286 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.54              | mg/kg | 1.405        | 0.759          | mg/kg | 0.0000759 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 35                | mg/kg | 2.774        | 97.095         | mg/kg | 0.00971 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.2              | pH    |              | 10.2           | pH    | 10.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 1.1 mg/kg         |              | 1.1 mg/kg      | 0.00011 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.28 mg/kg        |              | 0.28 mg/kg     | 0.000028 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.71 mg/kg        |              | 0.71 mg/kg     | 0.000071 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 1.1 mg/kg         |              | 1.1 mg/kg      | 0.00011 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 5.8 mg/kg         |              | 5.8 mg/kg      | 0.00058 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 5.5 mg/kg         |              | 5.5 mg/kg      | 0.00055 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 5.7 mg/kg         |              | 5.7 mg/kg      | 0.00057 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2.6 mg/kg         |              | 2.6 mg/kg      | 0.00026 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 3 mg/kg           |              | 3 mg/kg        | 0.0003 %             |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 2.4 mg/kg         |              | 2.4 mg/kg      | 0.00024 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 1.2 mg/kg         |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 2.2 mg/kg         |              | 2.2 mg/kg      | 0.00022 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.43 mg/kg        |              | 0.43 mg/kg     | 0.000043 %           |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 35 mg/kg          |              | 35 mg/kg       | 0.0035 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0255 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: D5/TP05

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D5/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.40 - 0.70 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>5.5%</b>          |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 5.5% No 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 }                                                                                                                                                           |           |            |          | 2.8               | mg/kg | 1.32         | 3.697          | mg/kg | 0.00037 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.4               | mg/kg | 3.22         | 4.508          | mg/kg | 0.000451 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3                 | mg/kg | 1.462        | 4.385          | mg/kg | 0.000438 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 3.7               | mg/kg | 1.126        | 4.166          | mg/kg | 0.000417 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.4               | mg/kg | 1.56         | 3.744          | mg/kg | 0.00024 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3                 | mg/kg | 2.976        | 8.929          | mg/kg | 0.000893 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 9.6               | mg/kg | 2.774        | 26.632         | mg/kg | 0.00266 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.4              | pH    |              | 10.4           | pH    | 10.4 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.47 mg/kg        |              | 0.47 mg/kg     | 0.000047 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.65 mg/kg        |              | 0.65 mg/kg     | 0.000065 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00718 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: D6/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D6/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>5.8%</b>          |                                                                                           |
| (no 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.: 0.14%)

**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.: 0.14%)

## 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.: 0.14%)

## Determinands

Moisture content: **5.8% No 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> }            |           |            |          | 7.1 mg/kg         | 1.32         | 9.374 mg/kg    | 0.000937 %  |                      |            |                |
|   | 033-003-00-0                                   | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2 | boron { <b>diboron trioxide; boric oxide</b> } |           |            |          | 0.76 mg/kg        | 3.22         | 2.447 mg/kg    | 0.000245 %  |                      |            |                |
|   | 005-008-00-8                                   | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 3 | cadmium { <b>cadmium oxide</b> }               |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 % |                      |            |                |
|   | 048-002-00-0                                   | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 8.4 mg/kg         | 1.462        | 12.277 mg/kg   | 0.00123 %    |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 4.7 mg/kg         | 1.126        | 5.292 mg/kg    | 0.000529 %   |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 2.1 mg/kg         | 1.56         | 3.276 mg/kg    | 0.00021 %    |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05 mg/kg        | 1.353        | 0.0677 mg/kg   | 0.00000677 % |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 6.1 mg/kg         | 2.976        | 18.155 mg/kg   | 0.00182 %    |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.32 mg/kg        | 1.405        | 0.45 mg/kg     | 0.000045 %   |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 15 mg/kg          | 2.774        | 41.612 mg/kg   | 0.00416 %    |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 1400 mg/kg        |              | 1400 mg/kg     | 0.14 %       |                      |            |                |
| 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 11.3 pH           |              | 11.3 pH        | 11.3 pH      |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8 | 191-24-2    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.15 %               |            |                |

#### Key

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
|             | User supplied data                                                                                                              |
|             | 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 |
| CLP: Note 1 | Only the metal concentration has been used for classification                                                                   |
| CLP: Note H | Known incomplete entry, should not be used as is                                                                                |

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

## Classification of sample: D6/TP03

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

## Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>D6/TP03</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>0.00 - 0.10 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>12%</b>           |           |                                                                                           |
| (no 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.: 0.41%)

**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.: 0.41%)

## 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.: 0.41%)

## Determinands

Moisture content: **12% No 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 }            |           |            |          | 5.4 mg/kg         | 1.32         | 7.13           | mg/kg | 0.000713 %           |            |                |
|   | 033-003-00-0                                                                                                                | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |
| 2 |  boron { diboron trioxide; boric oxide } |           |            |          | 0.84 mg/kg        | 3.22         | 2.705          | mg/kg | 0.00027 %            |            |                |
|   | 005-008-00-8                                                                                                                | 215-125-8 | 1303-86-2  |          |                   |              |                |       |                      |            |                |
| 3 |  cadmium { cadmium oxide }               |           |            |          | 0.14 mg/kg        | 1.142        | 0.16           | mg/kg | 0.000016 %           |            |                |
|   | 048-002-00-0                                                                                                                | 215-146-2 | 1306-19-0  |          |                   |              |                |       |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 8.6               | mg/kg | 1.462        | 12.569         | mg/kg | 0.00126 %            |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 16                | mg/kg | 1.126        | 18.014         | mg/kg | 0.0018 %             |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 19                | mg/kg | 1.56         | 29.636         | mg/kg | 0.0019 %             |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05              | mg/kg | 1.353        | 0.0677         | mg/kg | 0.00000677 %         |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 7.5               | mg/kg | 2.976        | 22.322         | mg/kg | 0.00223 %            |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 48                | mg/kg | 2.774        | 133.159        | mg/kg | 0.0133 %             |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 4100              | mg/kg |              | 4100           | mg/kg | 0.41 %               |            |                |
| 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 10.5              | pH    |              | 10.5           | pH    | 10.5 pH              |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 1.1               | mg/kg |              | 1.1            | mg/kg | 0.00011 %            |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 1.3               | mg/kg |              | 1.3            | mg/kg | 0.00013 %            |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8 | 191-24-2    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2.4 mg/kg         |              | 2.4 mg/kg      | 0.00024 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.432 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)



## Classification of sample: D6/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D6/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.08 - 0.40 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>6.5%</b>          |                                                                                           |
| (no 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.: 0.11%)

**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.: 0.11%)

## 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.: 0.11%)

## Determinands

Moisture content: **6.5% No 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         | 5.281 mg/kg    | 0.000528 %  |                      |            |                |
|   | 033-003-00-0                                   | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2 | boron { <b>diboron trioxide; boric oxide</b> } |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %  |                      |            |                |
|   | 005-008-00-8                                   | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 3 | cadmium { <b>cadmium oxide</b> }               |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 % |                      |            |                |
|   | 048-002-00-0                                   | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 3.6 mg/kg         | 1.462        | 5.262 mg/kg    | 0.000526 %   |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 3.7 mg/kg         | 1.126        | 4.166 mg/kg    | 0.000417 %   |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 3.8 mg/kg         | 1.56         | 5.927 mg/kg    | 0.00038 %    |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05 mg/kg        | 1.353        | 0.0677 mg/kg   | 0.00000677 % |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 4.4 mg/kg         | 2.976        | 13.096 mg/kg   | 0.00131 %    |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %  |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 14 mg/kg          | 2.774        | 38.838 mg/kg   | 0.00388 %    |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 1100 mg/kg        |              | 1100 mg/kg     | 0.11 %       |                      |            |                |
| 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 10 pH             |              | 10 pH          | 10pH         |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %    |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8 | 191-24-2    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.118 %              |            |                |

#### Key

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
|             | User supplied data                                                                                                              |
|             | 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 |
| CLP: Note 1 | Only the metal concentration has been used for classification                                                                   |
| CLP: Note H | Known incomplete entry, should not be used as is                                                                                |

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

Classification of sample: E4/TP03

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E4/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.50 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>17%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 17% No 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 }                                                                                                                                                           |           |            |          | 2.1               | mg/kg | 1.32         | 2.773          | mg/kg | 0.000277 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.14              | mg/kg | 1.142        | 0.16           | mg/kg | 0.000016 %           |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.1               | mg/kg | 1.462        | 7.454          | mg/kg | 0.000745 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 3.3               | mg/kg | 1.126        | 3.715          | mg/kg | 0.000372 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 8.8               | mg/kg | 1.56         | 13.726         | mg/kg | 0.00088 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.2               | mg/kg | 2.976        | 12.5           | mg/kg | 0.00125 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 17                | mg/kg | 2.774        | 47.16          | mg/kg | 0.00472 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.4               | pH    |              | 8.4            | pH    | 8.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00999 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: E5/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E5/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.80 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>9.6%</b>          |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 2.7               | mg/kg | 1.32         | 3.565          | mg/kg | 0.000356 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1                 | mg/kg | 3.22         | 3.22           | mg/kg | 0.000322 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4.8               | mg/kg | 1.462        | 7.015          | mg/kg | 0.000702 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.9               | mg/kg | 1.126        | 3.265          | mg/kg | 0.000327 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 10                | mg/kg | 1.56         | 15.598         | mg/kg | 0.001 %              |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.4               | mg/kg | 2.976        | 10.119         | mg/kg | 0.00101 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 13                | mg/kg | 2.774        | 36.064         | mg/kg | 0.00361 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 38                | mg/kg |              | 38             | mg/kg | 0.0038 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.6              | pH    |              | 10.6           | pH    | 10.6 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0117 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0038%)

## Classification of sample: D5/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D5/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>9.5%</b>          |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 9.5% No 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 }                                                                                                                                                           |           |            |          | 1.7 mg/kg         | 1.32         | 2.245 mg/kg    | 0.000224 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.7 mg/kg         | 3.22         | 2.254 mg/kg    | 0.000225 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.8 mg/kg         | 1.462        | 4.092 mg/kg    | 0.000409 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.9 mg/kg         | 1.126        | 2.139 mg/kg    | 0.000214 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.4 mg/kg         | 1.56         | 2.184 mg/kg    | 0.00014 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.9 mg/kg         | 2.976        | 5.655 mg/kg    | 0.000565 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 5 mg/kg           | 2.774        | 13.871 mg/kg   | 0.00139 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.1 pH           |              | 11.1 pH        | 11.1 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00478 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: E6/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E6/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.20 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>11%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **11% No 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 }                                                                                                                                                           |           |            |          | 2.3               | mg/kg | 1.32         | 3.037          | mg/kg | 0.000304 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.63              | mg/kg | 3.22         | 2.029          | mg/kg | 0.000203 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3.8               | mg/kg | 1.462        | 5.554          | mg/kg | 0.000555 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.8               | mg/kg | 1.126        | 2.027          | mg/kg | 0.000203 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 9.8               | mg/kg | 1.56         | 15.286         | mg/kg | 0.00098 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2                 | mg/kg | 2.976        | 5.953          | mg/kg | 0.000595 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 9.8               | mg/kg | 2.774        | 27.187         | mg/kg | 0.00272 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 420               | mg/kg |              | 420            | mg/kg | 0.042 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.1              | pH    |              | 11.1           | pH    | 11.1 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0482 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.042%)

Classification of sample: E6/TP02

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E6/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.00 - 0.90 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>12%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 12% No 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 }                                                                                                                                                           |           |            |          | 2.2 mg/kg         | 1.32         | 2.905 mg/kg    | 0.00029 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.49 mg/kg        | 3.22         | 1.578 mg/kg    | 0.000158 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.7 mg/kg         | 1.462        | 8.331 mg/kg    | 0.000833 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.9 mg/kg         | 1.126        | 2.139 mg/kg    | 0.000214 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2 mg/kg           | 1.56         | 3.12 mg/kg     | 0.0002 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.8 mg/kg         | 2.976        | 8.334 mg/kg    | 0.000833 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.8 mg/kg         | 2.774        | 24.412 mg/kg   | 0.00244 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 340 mg/kg         |              | 340 mg/kg      | 0.034 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.2 pH           |              | 11.2 pH        | 11.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0396 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.034%)



## Classification of sample: E4/TP01 (SP)

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

## Sample details

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Sample name:        | LoW Code:                                                                                 |
| <b>E4/TP01 (SP)</b> | Chapter:                                                                                  |
| Sample Depth:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>N/A m</b>        | Entry:                                                                                    |
| Moisture content:   | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>          |                                                                                           |
| (no correction)     |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 2.9               | mg/kg | 1.32         | 3.829          | mg/kg | 0.000383 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.58              | mg/kg | 3.22         | 1.868          | mg/kg | 0.000187 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 16                | mg/kg | 1.462        | 23.385         | mg/kg | 0.00234 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 4.1               | mg/kg | 1.126        | 4.616          | mg/kg | 0.000462 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 4.3               | mg/kg | 1.56         | 6.707          | mg/kg | 0.00043 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 9.6               | mg/kg | 2.976        | 28.572         | mg/kg | 0.00286 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 16                | mg/kg | 2.774        | 44.386         | mg/kg | 0.00444 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 620               | mg/kg |              | 620            | mg/kg | 0.062 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.1               | pH    |              | 9.1            | pH    | 9.1 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0737 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.062%)

Classification of sample: E4/TP02 (SP)

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

**Sample details**

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Sample name:        | LoW Code:                                                                                 |
| <b>E4/TP02 (SP)</b> | Chapter:                                                                                  |
| Sample Depth:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>N/A m</b>        | Entry:                                                                                    |
| Moisture content:   | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>13%</b>          |                                                                                           |
| (no correction)     |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 13% No 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 }                                                                                                                                                           |           |            |          | 3.1               | mg/kg | 1.32         | 4.093          | mg/kg | 0.000409 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.95              | mg/kg | 3.22         | 3.059          | mg/kg | 0.000306 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.16              | mg/kg | 1.142        | 0.183          | mg/kg | 0.0000183 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 6.1               | mg/kg | 1.462        | 8.915          | mg/kg | 0.000892 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 27                | mg/kg | 1.126        | 30.399         | mg/kg | 0.00304 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 18                | mg/kg | 1.56         | 28.077         | mg/kg | 0.0018 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 6.8               | mg/kg | 2.976        | 20.239         | mg/kg | 0.00202 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 53                | mg/kg | 2.774        | 147.03         | mg/kg | 0.0147 %             |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 540               | mg/kg |              | 540            | mg/kg | 0.054 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.8               | pH    |              | 8.8            | pH    | 8.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.46 mg/kg        |              | 0.46 mg/kg     | 0.000046 %           |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.12 mg/kg        |              | 0.12 mg/kg     | 0.000012 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.5 mg/kg         |              | 0.5 mg/kg      | 0.00005 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.55 mg/kg        |              | 0.55 mg/kg     | 0.000055 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 5.7 mg/kg         |              | 5.7 mg/kg      | 0.00057 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 8.8 mg/kg         |              | 8.8 mg/kg      | 0.00088 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 8.6 mg/kg         |              | 8.6 mg/kg      | 0.00086 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 3.8 mg/kg         |              | 3.8 mg/kg      | 0.00038 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 4 mg/kg           |              | 4 mg/kg        | 0.0004 %             |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 4.1 mg/kg         |              | 4.1 mg/kg      | 0.00041 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 3.4 mg/kg         |              | 3.4 mg/kg      | 0.00034 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.5 mg/kg         |              | 0.5 mg/kg      | 0.00005 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 47 mg/kg          |              | 47 mg/kg       | 0.0047 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0869 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils, below LOD

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In soils

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.054%)



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

### ■ 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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

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

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

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

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

Description/Comments:

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

Reason for additional Hazards Statement(s):

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

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

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

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

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

Reason for additional Hazards Statement(s):

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

## 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)

### 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) oxide}

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (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 {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

### zinc {zinc chromate}

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

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

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

**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)

#### 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)

### Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2022.168.5189.9766 (18 Jun 2022)

HazWasteOnline Database: 2022.168.5189.9766 (18 Jun 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)



EK5JO-R93JN-4YL0P

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

## Job name

Saunderton (Natural)

## Description/Comments

## Project

223159(NAT)

## Site

Saunderton (Natural)

## Classified by

Name:

**Jack Taylor**

Date:

**07 Jul 2022 10:14 GMT**

Telephone:

**01235 536042**

Company:

**AA Environmental Limited**

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  | TP315       | 0.6         | Non Hazardous         |                                    | 3    |
| 2  | TP319       | 0.3         | Non Hazardous         |                                    | 5    |
| 3  | TP320       | 0.5         | Non Hazardous         |                                    | 7    |
| 4  | TP321       | 0.7         | Non Hazardous         |                                    | 9    |
| 5  | TP321[2]    | 1.3         | Non Hazardous         |                                    | 11   |
| 6  | TP321A      | 0.5         | Hazardous             | HP 3(i), HP 7, HP 10, HP 11, HP 14 | 13   |
| 7  | TP321A[2]   | 1           | Hazardous             | HP 3(i), HP 7, HP 10, HP 11, HP 14 | 15   |
| 8  | TP321A[3]   | 2           | Non Hazardous         |                                    | 17   |
| 9  | TP321A[4]   | 2.2         | Hazardous             | HP 3(i), HP 7, HP 10, HP 11, HP 14 | 19   |
| 10 | TP325       | 0.2         | Non Hazardous         |                                    | 21   |
| 11 | TP326       | 0.5         | Non Hazardous         |                                    | 23   |
| 12 | TP328       | 0.22        | Non Hazardous         |                                    | 25   |
| 13 | TP334       | 0.7         | Non Hazardous         |                                    | 27   |
| 14 | TP339       | 0.3         | Non Hazardous         |                                    | 29   |
| 15 | C2/TP02     | 0.80 - 1.45 | Non Hazardous         |                                    | 31   |
| 16 | D1/TP01     | 0.80 - 1.30 | Non Hazardous         |                                    | 34   |
| 17 | D1/TP02     | 0.80 - 1.40 | Non Hazardous         |                                    | 37   |
| 18 | E1/TP01     | 0.85 - 1.45 | Non Hazardous         |                                    | 40   |
| 19 | E1/TP02     | 1.40 - 1.80 | Non Hazardous         |                                    | 43   |
| 20 | E2/TP02     | 1.80 - 2.10 | Non Hazardous         |                                    | 46   |
| 21 | E2/TP01     | 0.80 - 1.40 | Non Hazardous         |                                    | 49   |
| 22 | D2/TP02     | 1.50 - 2.05 | Non Hazardous         |                                    | 52   |
| 23 | D2/TP01     | 0.50 - 1.45 | Non Hazardous         |                                    | 55   |
| 24 | D2/TP04     | 0.40 - 1.15 | Non Hazardous         |                                    | 58   |
| 25 | D2/TP03     | 1.30 - 1.85 | Non Hazardous         |                                    | 61   |
| 26 | E2/TP04     | 0.80 - 1.30 | Non Hazardous         |                                    | 64   |
| 27 | E2/TP03     | 0.80 - 1.60 | Non Hazardous         |                                    | 67   |
| 28 | E2/TP05     | 2.50 - 3.00 | Non Hazardous         |                                    | 70   |
| 29 | D2/TP05     | 0.70 - 1.60 | Non Hazardous         |                                    | 73   |
| 30 | D3/TP02     | 0.65 - 1.70 | Non Hazardous         |                                    | 76   |

| #  | Sample name | Depth [m]   | Classification Result | Hazard properties                  | Page |
|----|-------------|-------------|-----------------------|------------------------------------|------|
| 31 | D3/TP03     | 1.20 - 2.20 | Non Hazardous         |                                    | 79   |
| 32 | D4/TP03     | 0.85 - 1.50 | Non Hazardous         |                                    | 82   |
| 33 | D4/TP05     | 1.70 - 2.70 | Non Hazardous         |                                    | 85   |
| 34 | D4/TP04     | 1.30 - 2.10 | Non Hazardous         |                                    | 88   |
| 35 | D5/TP02     | 0.45 - 1.10 | Non Hazardous         |                                    | 91   |
| 36 | E3/TP01     | 0.45 - 1.10 | Non Hazardous         |                                    | 94   |
| 37 | E3/TP02     | 3.00 - 4.00 | Non Hazardous         |                                    | 97   |
| 38 | E5/TP01     | 1.10 - 2.80 | Hazardous             | HP 3(i), HP 7, HP 10, HP 11, HP 14 | 100  |
| 39 | E5/TP01[2]  | 3.30 - 3.80 | Hazardous             | HP 3(i), HP 7, HP 11               | 103  |
| 40 | D3/TP05     | 0.85 - 1.65 | Non Hazardous         |                                    | 106  |
| 41 | D4/TP02     | 0.50 - 1.35 | Non Hazardous         |                                    | 109  |
| 42 | D5/TP03     | 0.10 - 1.00 | Non Hazardous         |                                    | 112  |
| 43 | D5/TP05     | 0.70 - 1.60 | Non Hazardous         |                                    | 115  |
| 44 | D6/TP02     | 0.10 - 1.00 | Non Hazardous         |                                    | 118  |
| 45 | D6/TP03     | 0.10 - 1.00 | Non Hazardous         |                                    | 121  |
| 46 | D6/TP05     | 0.40 - 1.20 | Non Hazardous         |                                    | 124  |
| 47 | E4/TP03     | 0.50 - 1.45 | Non Hazardous         |                                    | 127  |
| 48 | E5/TP02     | 0.80 - 1.50 | Non Hazardous         |                                    | 130  |
| 49 | E6/TP01     | 0.20 - 1.20 | Non Hazardous         |                                    | 133  |
| 50 | E6/TP02     | 0.90 - 1.35 | Non Hazardous         |                                    | 136  |

#### Related documents

| # | Name               | Description                                   |
|---|--------------------|-----------------------------------------------|
| 1 | AAe 2020 (V1.2 GB) | waste stream template used to create this Job |

#### Report

Created by: Jack Taylor

Created date: 07 Jul 2022 10:14 GMT

| Appendices                                                 | Page |
|------------------------------------------------------------|------|
| Appendix A: Classifier defined and non GB MCL determinands | 139  |
| Appendix B: Rationale for selection of metal species       | 140  |
| Appendix C: Version                                        | 141  |

## Classification of sample: TP315

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

## Sample details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP315</b>      | Chapter:                                                                                  |
| Sample Depth:     | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.6 m</b>      | Entry:                                                                                    |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>17%</b>        |                                                                                           |
| (no correction)   |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 17% No 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                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.1               | mg/kg | 2.775        | 0.278          | mg/kg | 0.0000278 %          |            |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3                 | mg/kg | 1.462        | 4.385          | mg/kg | 0.000438 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 9.5               | mg/kg | 1.126        | 10.696         | mg/kg | 0.00107 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 8  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 10                | mg/kg | 1.56         | 15.598         | mg/kg | 0.001 %              |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.3               | mg/kg | 2.976        | 9.822          | mg/kg | 0.000982 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 28                | mg/kg | 2.774        | 77.676         | mg/kg | 0.00777 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 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                 | mg/kg | 1.884        | 1.884          | mg/kg | 0.000188 %           |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.6               | pH    |              | 8.6            | pH    | 8.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                        |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-052-00-2                       | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                     |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-917-1 | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-469-6 | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-695-5 | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-581-5 | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                         |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-371-1 | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-912-4 | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-927-3 | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                       | 200-280-6 | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                           |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-048-00-0                       | 205-923-4 | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                       | 205-911-9 | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene              |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                 |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | phenol                             |           |            |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 604-001-00-2                       | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.0125 %             |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)



Classification of sample: TP319

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP319</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.2               | mg/kg | 3.22         | 0.644          | mg/kg | 0.0000644 %          |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 5.6               | mg/kg | 1.126        | 6.305          | mg/kg | 0.00063 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 4.9               | mg/kg | 2.976        | 14.584         | mg/kg | 0.00146 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 8.3               | mg/kg | 2.774        | 23.025         | mg/kg | 0.0023 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.8               | pH    |              | 8.8            | pH    | 8.8 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.00547 %            |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: TP320

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP320</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |             | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |              |                |             |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1.7 mg/kg         | 1.32         | 2.245 mg/kg    | 0.000224 %  |                      |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.3 mg/kg         | 3.22         | 0.966 mg/kg    | 0.0000966 % |                      |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2 mg/kg         | 1.142        | 0.228 mg/kg    | 0.0000228 % |                      |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2 mg/kg         | 1.923        | 2.308 mg/kg    | 0.000231 %  |                      |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                |             |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 9.1 mg/kg         | 1.126        | 10.246 mg/kg   | 0.00102 %   |                      |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |             |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 3.7 mg/kg         | 1.56         | 5.771 mg/kg    | 0.00037 %   |                      |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |             |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3 mg/kg         | 1.353        | 0.406 mg/kg    | 0.0000406 % |                      |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |             |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 11 mg/kg          | 2.976        | 32.739 mg/kg   | 0.00327 %   |                      |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |             |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1 mg/kg           | 1.405        | 1.405 mg/kg    | 0.000141 %  |                      |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |              |                |             |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 21 mg/kg          | 2.774        | 58.257 mg/kg   | 0.00583 %   |                      |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |             |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.6 pH            |              | 8.6 pH         | 8.6 pH      |                      |            |                |
|    |                                                                                                                          |           | PH         |          |                   |              |                |             |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %  |                      |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |              |                |             |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |              |                |             |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |              |                |             |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |              |                |             |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |              |                |             |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %   |                      |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |              |                |             |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0116 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: TP321

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

**Sample details**

Sample name: **TP321** LoW Code: **17: Construction and Demolition Wastes (including excavated soil from contaminated sites)**  
Sample Depth: **0.7 m** Chapter: **17 05 04 (Soil and stones other than those mentioned in 17 05 03)**  
Entry:

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                                     |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                             | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { <b>arsenic trioxide</b> }                                                                                             |           |            |          | 1.4               | mg/kg | 1.32         | 1.848          | mg/kg | 0.000185 %           |            |                |
|    | 033-003-00-0                                                                                                                    | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { <b>diboron trioxide; boric oxide</b> }                                                                                  |           |            |          | 0.6               | mg/kg | 3.22         | 1.932          | mg/kg | 0.000193 %           |            |                |
|    | 005-008-00-8                                                                                                                    | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { <b>cadmium oxide</b> }                                                                                                |           |            |          | 1.2               | mg/kg | 1.142        | 1.371          | mg/kg | 0.000137 %           |            |                |
|    | 048-002-00-0                                                                                                                    | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { <b>chromium(VI) oxide</b> }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                                    | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                              |           |            |          | 63                | mg/kg | 1.126        | 70.931         | mg/kg | 0.00709 %            |            |                |
|    | 029-002-00-X                                                                                                                    | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { <b>lead chromate</b> }                                                                                                   |           |            | 1        | 480               | mg/kg | 1.56         | 748.711        | mg/kg | 0.048 %              |            |                |
|    | 082-004-00-2                                                                                                                    | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { <b>mercury dichloride</b> }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                                    | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { <b>nickel chromate</b> }                                                                                               |           |            |          | 5                 | mg/kg | 2.976        | 14.881         | mg/kg | 0.00149 %            |            |                |
|    | 028-035-00-7                                                                                                                    | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { <b>selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex</b> } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                                    |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { <b>zinc chromate</b> }                                                                                                   |           |            |          | 67                | mg/kg | 2.774        | 185.868        | mg/kg | 0.0186 %             |            |                |
|    | 024-007-00-3                                                                                                                    | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                              |           |            |          | 8.4               | pH    |              | 8.4            | pH    | 8.4 pH               |            |                |
|    |                                                                                                                                 |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                                     |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                                    | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                                  |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                 | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                                    |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                 | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                        |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                 | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                                    |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                 | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                                      |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                                 | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0764 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: TP321[2]

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

**Sample details**

|                 |                                                                                                    |
|-----------------|----------------------------------------------------------------------------------------------------|
| Sample name:    | LoW Code:                                                                                          |
| <b>TP321[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>1.3 m</b>    |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 1                 | mg/kg | 1.142        | 1.142          | mg/kg | 0.000114 %           |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 46                | mg/kg | 1.126        | 51.791         | mg/kg | 0.00518 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 430               | mg/kg | 1.56         | 670.721        | mg/kg | 0.043 %              |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 4                 | mg/kg | 2.976        | 11.905         | mg/kg | 0.00119 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 51                | mg/kg | 2.774        | 141.481        | mg/kg | 0.0141 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.3               | pH    |              | 8.3            | pH    | 8.3 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0646 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP321A

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

## Sample details

|               |           |                                                                                           |
|---------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code: |                                                                                           |
| <b>TP321A</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>0.5 m</b>  |           |                                                                                           |

## 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.: 6.231%)

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

Hazard Statements hit:

**Repr. 2; H361d** "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 6.231%)

**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.: 6.231%)

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

Hazard Statements hit:

**Aquatic Chronic 2; H411** "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 6.231%)

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

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

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 6.231%)  
xylene: (conc.: 4.0e-06%)

## Determinands

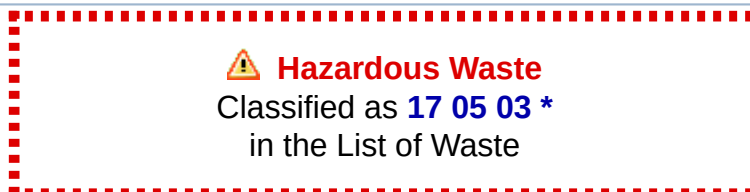
Moisture content: 0% No Moisture Correction applied (MC)

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |  | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                   |              |                |  |                      |            |                |
| 1      | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 62314.1 mg/kg     |              | 62314.1 mg/kg  |  | 6.231 %              |            |                |
|        |                                                          |                                                                  | TPH                                                          |          |                   |              |                |  |                      |            |                |
| 2      | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |              |                |  |                      |            |                |
| 3      | benzene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |              |                |  |                      |            |                |
| 4      | toluene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |  |                      |            |                |
| 5      | ethylbenzene                                             |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |  |                      |            |                |
| 6      | xylene                                                   |                                                                  |                                                              |          | 0.04 mg/kg        |              | 0.04 mg/kg     |  | 0.000004 %           |            |                |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |  |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                   |              |                |  | 6.232 %              |            |                |

## Key

|   |                                                                   |
|---|-------------------------------------------------------------------|
|   | User supplied data                                                |
|   | Hazardous result                                                  |
|   | Potentially Hazardous result                                      |
| ● | Determinand defined or amended by HazWasteOnline (see Appendix A) |

Classification of sample: TP321A[2]



Sample details

|                  |           |                                                                                           |
|------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:     | LoW Code: |                                                                                           |
| <b>TP321A[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>1 m</b>       |           |                                                                                           |

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.: 4.163%)

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

Hazard Statements hit:

**Repr. 2; H361d** "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 4.163%)

**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.: 4.163%)

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

Hazard Statements hit:

**Aquatic Chronic 2; H411** "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 4.163%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 4.163%)  
xylene: (conc.: 5.0e-06%)

## Determinands

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

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |  | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                   |              |                |  |                      |            |                |
| 1      | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 41630.2 mg/kg     |              | 41630.2 mg/kg  |  | 4.163 %              |            |                |
|        |                                                          |                                                                  | TPH                                                          |          |                   |              |                |  |                      |            |                |
| 2      | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |              |                |  |                      |            |                |
| 3      | benzene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |              |                |  |                      |            |                |
| 4      | toluene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |  |                      |            |                |
| 5      | ethylbenzene                                             |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        |  | 0.0001 %             |            |                |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |  |                      |            |                |
| 6      | xylene                                                   |                                                                  |                                                              |          | 0.05 mg/kg        |              | 0.05 mg/kg     |  | 0.000005 %           |            |                |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |  |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                   |              |                |  | 4.163 %              |            |                |

## Key

|   |                                                                   |
|---|-------------------------------------------------------------------|
|   | User supplied data                                                |
|   | Hazardous result                                                  |
|   | Potentially Hazardous result                                      |
| ● | Determinand defined or amended by HazWasteOnline (see Appendix A) |

## Classification of sample: TP321A[3]

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

## Sample details

Sample name: **TP321A[3]** LoW Code: **17: Construction and Demolition Wastes (including excavated soil from contaminated sites)**  
Sample Depth: **2 m** Chapter: **17 05 04 (Soil and stones other than those mentioned in 17 05 03)**  
Entry:

## Hazard properties

None identified

## Determinands

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

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                   |              |                |                      |            |                |
| 1      | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 560.4 mg/kg       |              | 560.4 mg/kg    | 0.056 %              |            |                |
|        |                                                          |                                                                  | TPH                                                          |          |                   |              |                |                      |            |                |
| 2      | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |              |                |                      |            |                |
| 3      | benzene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |              |                |                      |            |                |
| 4      | toluene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |                      |            |                |
| 5      | ethylbenzene                                             |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |                      |            |                |
| 6      | xylene                                                   |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                   |              |                | 0.0565 %             |            |                |

## Key

- User supplied data
- Determinand defined or amended by HazWasteOnline (see Appendix A)

## 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 In solids/soil

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)  
benzene: (conc.: 0.0001%)  
toluene: (conc.: 0.0001%)  
ethylbenzene: (conc.: 0.0001%)

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

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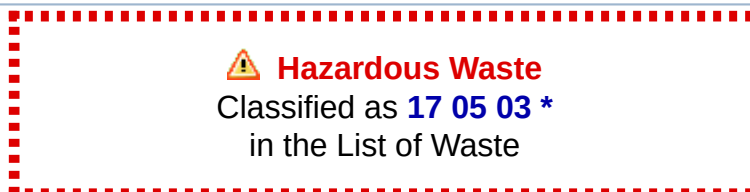
Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.056%)

xylene: (conc.: 0.0001%)



Classification of sample: TP321A[4]



Sample details

|                  |           |                                                                                           |
|------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:     | LoW Code: |                                                                                           |
| <b>TP321A[4]</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>2.2 m</b>     |           |                                                                                           |

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.: 8.116%)

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

Hazard Statements hit:

**Repr. 2; H361d** "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 8.116%)

**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.: 8.116%)

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

Hazard Statements hit:

**Aquatic Chronic 2; H411** "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 8.116%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)

benzene: (conc.: 0.0001%)

toluene: (conc.: 0.0001%)

ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 8.116%)  
xylene: (conc.: 0.0001%)

## Determinands

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

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                   |              |                |                      |            |                |
| 1      | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 81160.8 mg/kg     |              | 81160.8 mg/kg  | 8.116 %              |            |                |
|        |                                                          |                                                                  | TPH                                                          |          |                   |              |                |                      |            |                |
| 2      | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |              |                |                      |            |                |
| 3      | benzene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |              |                |                      |            |                |
| 4      | toluene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |                      |            |                |
| 5      | ethylbenzene                                             |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |                      |            |                |
| 6      | xylene                                                   |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                   |              |                | 8.117 %              |            |                |

## Key

|   |                                                                   |
|---|-------------------------------------------------------------------|
|   | User supplied data                                                |
|   | Hazardous result                                                  |
|   | Potentially Hazardous result                                      |
| ● | Determinand defined or amended by HazWasteOnline (see Appendix A) |

Classification of sample: TP325

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP325</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 1.2               | mg/kg | 3.22         | 3.864          | mg/kg | 0.000386 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 18                | mg/kg | 1.126        | 20.266         | mg/kg | 0.00203 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 5.4               | mg/kg | 1.56         | 8.423          | mg/kg | 0.00054 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 9.4               | mg/kg | 2.976        | 27.977         | mg/kg | 0.0028 %             |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 45                | mg/kg | 2.774        | 124.837        | mg/kg | 0.0125 %             |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.5               | pH    |              | 8.5            | pH    | 8.5 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0191 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: TP326

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

**Sample details**

|               |                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------|
| Sample name:  | LoW Code:                                                                                          |
| <b>TP326</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>  |                                                                                                    |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 3.7               | mg/kg | 1.32         | 4.885          | mg/kg | 0.000489 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.7               | mg/kg | 3.22         | 2.254          | mg/kg | 0.000225 %           |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 17                | mg/kg | 1.126        | 19.14          | mg/kg | 0.00191 %            |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 7.8               | mg/kg | 1.56         | 12.167         | mg/kg | 0.00078 %            |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 12                | mg/kg | 2.976        | 35.715         | mg/kg | 0.00357 %            |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 28                | mg/kg | 2.774        | 77.676         | mg/kg | 0.00777 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.7               | pH    |              | 8.7            | pH    | 8.7 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.68              | mg/kg |              | 0.68           | mg/kg | 0.000068 %           |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.15              | mg/kg |              | 0.15           | mg/kg | 0.000015 %           |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.44 mg/kg        |              | 0.44 mg/kg     | 0.000044 %           |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.33 mg/kg        |              | 0.33 mg/kg     | 0.000033 %           |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.19 mg/kg        |              | 0.19 mg/kg     | 0.000019 %           |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.11 mg/kg        |              | 0.11 mg/kg     | 0.000011 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0157 %             |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: TP328

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

**Sample details**

Sample name: **TP328** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)  
Sample Depth: **0.22 m** Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                              |           |            | CLP 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                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                  |           |            |          | 0.2               | mg/kg | 3.22         | 0.644          | mg/kg | 0.0000644 %          |            |                |
|    | 005-008-00-8                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | copper { dicopper oxide; copper (I) oxide }                                                                              |           |            |          | 3.4               | mg/kg | 1.126        | 3.828          | mg/kg | 0.000383 %           |            |                |
|    | 029-002-00-X                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 6  | lead { lead chromate }                                                                                                   |           |            | 1        | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 7  | mercury { mercury dichloride }                                                                                           |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 8  | nickel { nickel chromate }                                                                                               |           |            |          | 2                 | mg/kg | 2.976        | 5.953          | mg/kg | 0.000595 %           |            |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 9  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 3.3               | mg/kg | 1.405        | 4.637          | mg/kg | 0.000464 %           |            |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 | zinc { zinc chromate }                                                                                                   |           |            |          | 6.6               | mg/kg | 2.774        | 18.309         | mg/kg | 0.00183 %            |            |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 | pH                                                                                                                       |           |            |          | 8.1               | pH    |              | 8.1            | pH    | 8.1 pH               |            |                |
|    |                                                                                                                          |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.05              | mg/kg |              | 0.05           | mg/kg | 0.000005 %           |            |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 16 | phenanthrene                                                                                                             |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 17 | anthracene                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
|    |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                        |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
| 28     | phenol                             | 604-001-00-2 | 203-632-7  |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| Total: |                                    |              |            |          |                   |              |                | 0.00421 %            |            |                |

#### Key

- User supplied data
  - 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
- CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

## Classification of sample: TP334

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

## Sample details

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                          |
| <b>TP334</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>0.7 m</b>      |                                                                                                    |
| Moisture content: |                                                                                                    |
| <b>18%</b>        |                                                                                                    |
| (no correction)   |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 18% No Moisture Correction applied (MC)

| #      | Determinand                                              |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                      | EC Number                                                        | CAS Number                                                   |          |                   |              |                |                      |            |                |
| 1      | TPH (C6 to C40) petroleum group                          |                                                                  |                                                              |          | 10 mg/kg          |              | 10 mg/kg       | 0.001 %              |            |                |
|        |                                                          |                                                                  | TPH                                                          |          |                   |              |                |                      |            |                |
| 2      | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 603-181-00-X                                             | 216-653-1                                                        | 1634-04-4                                                    |          |                   |              |                |                      |            |                |
| 3      | benzene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-020-00-8                                             | 200-753-7                                                        | 71-43-2                                                      |          |                   |              |                |                      |            |                |
| 4      | toluene                                                  |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-021-00-3                                             | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |                      |            |                |
| 5      | ethylbenzene                                             |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-023-00-4                                             | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |                      |            |                |
| 6      | xylene                                                   |                                                                  |                                                              |          | 1 mg/kg           |              | 1 mg/kg        | 0.0001 %             |            |                |
|        | 601-022-00-9                                             | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |                      |            |                |
| Total: |                                                          |                                                                  |                                                              |          |                   |              |                | 0.0015 %             |            |                |

## Key

|   |                                                                   |
|---|-------------------------------------------------------------------|
|   | User supplied data                                                |
| ● | Determinand defined or amended by HazWasteOnline (see Appendix A) |

## 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 In solids/soil

Hazard Statements hit:

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

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 0.0001%)  
benzene: (conc.: 0.0001%)  
toluene: (conc.: 0.0001%)  
ethylbenzene: (conc.: 0.0001%)

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

Because of determinands:

---

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

xylene: (conc.: 0.0001%)

## Classification of sample: TP339

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

## Sample details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Sample name:      | LoW Code:                                                                                 |
| <b>TP339</b>      | Chapter:                                                                                  |
| Sample Depth:     | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.3 m</b>      | Entry:                                                                                    |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>        |                                                                                           |
| (no correction)   |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 1                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.1               | mg/kg | 2.775        | 0.278          | mg/kg | 0.0000278 %          |            |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.3               | mg/kg | 3.22         | 0.966          | mg/kg | 0.0000966 %          |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.228          | mg/kg | 0.0000228 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1                 | mg/kg | 1.462        | 1.462          | mg/kg | 0.000146 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 1.2               | mg/kg | 1.923        | 2.308          | mg/kg | 0.000231 %           |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 3.9               | mg/kg | 1.126        | 4.391          | mg/kg | 0.000439 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 8  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1                 | mg/kg | 1.56         | 1.56           | mg/kg | 0.0001 %             |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 9  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.3               | mg/kg | 1.353        | 0.406          | mg/kg | 0.0000406 %          |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 10 | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.8               | mg/kg | 2.976        | 5.357          | mg/kg | 0.000536 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 11 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 1                 | mg/kg | 1.405        | 1.405          | mg/kg | 0.000141 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 12 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 7.1               | mg/kg | 2.774        | 19.696         | mg/kg | 0.00197 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 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                 | mg/kg | 1.884        | 1.884          | mg/kg | 0.000188 %           |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                        |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-052-00-2                       | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                     |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-917-1 | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-469-6 | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                           |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-695-5 | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 201-581-5 | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                         |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-371-1 | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                       |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-912-4 | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                             |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 204-927-3 | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                 |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                       | 200-280-6 | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                           |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        | 601-048-00-0                       | 205-923-4 | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                       | 205-911-9 | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene               |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene              |           |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                 |           |            |          | 0.05 mg/kg        |              | 0.05 mg/kg     | 0.000005 %           |            |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | phenol                             |           |            |          | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 604-001-00-2                       | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.00442 %            |            |                |

#### Key

- User supplied data
- 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

CLP: Note 1 Only the metal concentration has been used for classification

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00023%)

Classification of sample: C2/TP02

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>C2/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.45 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 22% No 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                 | mg/kg | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 3.1               | mg/kg | 1.462        | 4.531          | mg/kg | 0.000453 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.5               | mg/kg | 1.126        | 2.815          | mg/kg | 0.000281 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.3               | mg/kg | 1.56         | 3.588          | mg/kg | 0.00023 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.9               | mg/kg | 2.976        | 8.631          | mg/kg | 0.000863 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.4               | mg/kg | 2.774        | 23.303         | mg/kg | 0.00233 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 560               | mg/kg |              | 560            | mg/kg | 0.056 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.061 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.056%)

## Classification of sample: D1/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D1/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>17%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **17% No 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 }                                                                                                                                                           |           |            |          | 1.4 mg/kg         | 1.32         | 1.848 mg/kg    | 0.000185 %   |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %   |                      |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %  |                      |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.4 mg/kg         | 1.462        | 3.508 mg/kg    | 0.000351 %   |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |              |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |              |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.7 mg/kg         | 1.126        | 3.04 mg/kg     | 0.000304 %   |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.2 mg/kg         | 1.56         | 3.432 mg/kg    | 0.00022 %    |                      |            |                |
|    | 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 % |                      |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.9 mg/kg         | 2.976        | 8.631 mg/kg    | 0.000863 %   |                      |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %  |                      |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.2 mg/kg         | 2.774        | 22.748 mg/kg   | 0.00227 %    |                      |            |                |
|    | 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 %      |                      |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.7 pH            |              | 8.7 pH         | 8.7 pH       |                      |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00594 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D1/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D1/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.40 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>15%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 2.2               | mg/kg | 1.32         | 2.905          | mg/kg | 0.00029 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.48              | mg/kg | 3.22         | 1.546          | mg/kg | 0.000155 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4.2               | mg/kg | 1.462        | 6.139          | mg/kg | 0.000614 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.8               | mg/kg | 1.126        | 3.152          | mg/kg | 0.000315 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.6               | mg/kg | 1.56         | 4.056          | mg/kg | 0.00026 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.8               | mg/kg | 2.976        | 14.286         | mg/kg | 0.00143 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.35              | mg/kg | 1.405        | 0.492          | mg/kg | 0.0000492 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 10                | mg/kg | 2.774        | 27.741         | mg/kg | 0.00277 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.7               | pH    |              | 8.7            | pH    | 8.7 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.78 mg/kg        |              | 0.78 mg/kg     | 0.000078 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.3 mg/kg         |              | 0.3 mg/kg      | 0.00003 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.95 mg/kg        |              | 0.95 mg/kg     | 0.000095 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 1.2 mg/kg         |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 3.2 mg/kg         |              | 3.2 mg/kg      | 0.00032 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00787 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: E1/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E1/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.85 - 1.45 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **18% No 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 }                                                                                                                                                           |           |            |          | 2.3               | mg/kg | 1.32         | 3.037          | mg/kg | 0.000304 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1                 | mg/kg | 3.22         | 3.22           | mg/kg | 0.000322 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4.8               | mg/kg | 1.462        | 7.015          | mg/kg | 0.000702 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 3.4               | mg/kg | 1.126        | 3.828          | mg/kg | 0.000383 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 15                | mg/kg | 1.56         | 23.397         | mg/kg | 0.0015 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.3               | mg/kg | 2.976        | 9.822          | mg/kg | 0.000982 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.31              | mg/kg | 1.405        | 0.436          | mg/kg | 0.0000436 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 14                | mg/kg | 2.774        | 38.838         | mg/kg | 0.00388 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.1               | pH    |              | 9.1            | pH    | 9.1 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.3 mg/kg         |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.32 mg/kg        |              | 0.32 mg/kg     | 0.000032 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 1.8 mg/kg         |              | 1.8 mg/kg      | 0.00018 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 1.6 mg/kg         |              | 1.6 mg/kg      | 0.00016 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 5.1 mg/kg         |              | 5.1 mg/kg      | 0.00051 %            |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0105 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E1/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E1/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.40 - 1.80 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>15%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 1.9 mg/kg         | 1.32         | 2.509 mg/kg    | 0.000251 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.76 mg/kg        | 3.22         | 2.447 mg/kg    | 0.000245 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.9 mg/kg         | 1.462        | 4.239 mg/kg    | 0.000424 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.5 mg/kg         | 1.126        | 2.815 mg/kg    | 0.000281 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.8 mg/kg         | 1.56         | 4.367 mg/kg    | 0.00028 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.8 mg/kg         | 2.976        | 11.31 mg/kg    | 0.00113 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 7 mg/kg           | 2.774        | 19.419 mg/kg   | 0.00194 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.9 pH            |              | 8.9 pH         | 8.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00617 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E2/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.80 - 2.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>17%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **17% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.9               | mg/kg | 1.462        | 1.315          | mg/kg | 0.000132 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.75              | mg/kg | 1.126        | 0.844          | mg/kg | 0.0000844 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.74              | mg/kg | 1.56         | 1.154          | mg/kg | 0.000074 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.66              | mg/kg | 2.976        | 1.964          | mg/kg | 0.000196 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 2.6               | mg/kg | 2.774        | 7.213          | mg/kg | 0.000721 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.1              | pH    |              | 10.1           | pH    | 10.1 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00302 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E2/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.40 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 18% No 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 }                                                                                                                                                           |           |            |          | 3.1               | mg/kg | 1.32         | 4.093          | mg/kg | 0.000409 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.7               | mg/kg | 3.22         | 5.474          | mg/kg | 0.000547 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.17              | mg/kg | 1.142        | 0.194          | mg/kg | 0.0000194 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 4                 | mg/kg | 1.462        | 5.846          | mg/kg | 0.000585 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 8.1               | mg/kg | 1.126        | 9.12           | mg/kg | 0.000912 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.3               | mg/kg | 1.56         | 9.827          | mg/kg | 0.00063 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 9.2               | mg/kg | 2.976        | 27.382         | mg/kg | 0.00274 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.42              | mg/kg | 1.405        | 0.59           | mg/kg | 0.000059 %           |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 21                | mg/kg | 2.774        | 58.257         | mg/kg | 0.00583 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0133 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D2/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.50 - 2.05 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **21% No 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 mg/kg           | 1.32         | 1.32           | mg/kg | 0.000132 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 1.2 mg/kg         | 3.22         | 3.864          | mg/kg | 0.000386 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.4 mg/kg         | 1.462        | 2.046          | mg/kg | 0.000205 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.5 mg/kg         | 1.126        | 2.815          | mg/kg | 0.000281 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.5 mg/kg         | 1.56         | 2.34           | mg/kg | 0.00015 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.9 mg/kg         | 2.976        | 8.631          | mg/kg | 0.000863 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.5 mg/kg         | 2.774        | 23.58          | mg/kg | 0.00236 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.7 pH            |              | 8.7            | pH    | 8.7 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00599 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D2/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.50 - 1.45 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.7               | mg/kg | 1.32         | 0.924          | mg/kg | 0.0000924 %          |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.58              | mg/kg | 3.22         | 1.868          | mg/kg | 0.000187 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.3               | mg/kg | 1.462        | 1.9            | mg/kg | 0.00019 %            |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.8               | mg/kg | 1.126        | 2.027          | mg/kg | 0.000203 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.2               | mg/kg | 1.56         | 1.872          | mg/kg | 0.00012 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.8               | mg/kg | 2.976        | 5.357          | mg/kg | 0.000536 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 7.3               | mg/kg | 2.774        | 20.251         | mg/kg | 0.00203 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 62                | mg/kg |              | 62             | mg/kg | 0.0062 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.9               | pH    |              | 8.9            | pH    | 8.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0102 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0062%)

## Classification of sample: D2/TP04

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP04</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.40 - 1.15 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 2.4 mg/kg         | 1.32         | 3.169 mg/kg    | 0.000317 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.52 mg/kg        | 3.22         | 1.674 mg/kg    | 0.000167 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.8 mg/kg         | 1.462        | 2.631 mg/kg    | 0.000263 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.6 mg/kg         | 1.126        | 1.801 mg/kg    | 0.00018 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.89 mg/kg        | 1.56         | 1.388 mg/kg    | 0.000089 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2 mg/kg           | 2.976        | 5.953 mg/kg    | 0.000595 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 6.4 mg/kg         | 2.774        | 17.755 mg/kg   | 0.00178 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 42 mg/kg          |              | 42 mg/kg       | 0.0042 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.2 pH           |              | 11.2 pH        | 11.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | pH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0082 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0042%)



## Classification of sample: D2/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.30 - 1.85 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.99              | mg/kg | 1.126        | 1.115          | mg/kg | 0.000111 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.81              | mg/kg | 1.56         | 1.263          | mg/kg | 0.000081 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.54              | mg/kg | 2.976        | 1.607          | mg/kg | 0.000161 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 3.7               | mg/kg | 2.774        | 10.264         | mg/kg | 0.00103 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 25                | mg/kg |              | 25             | mg/kg | 0.0025 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.9               | pH    |              | 8.9            | pH    | 8.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00476 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0025%)

## Classification of sample: E2/TP04

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP04</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.30 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.6               | mg/kg | 1.462        | 0.877          | mg/kg | 0.0000877 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.2               | mg/kg | 1.126        | 1.351          | mg/kg | 0.000135 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.97              | mg/kg | 1.56         | 1.513          | mg/kg | 0.000097 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.1               | mg/kg | 2.976        | 3.274          | mg/kg | 0.000327 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 4.5               | mg/kg | 2.774        | 12.484         | mg/kg | 0.00125 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 20                | mg/kg |              | 20             | mg/kg | 0.002 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9                 | pH    |              | 9              | pH    | 9pH                  |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0047 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

## Classification of sample: E2/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.60 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>28%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 28% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.76              | mg/kg | 1.126        | 0.856          | mg/kg | 0.0000856 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.3               | mg/kg | 1.56         | 2.028          | mg/kg | 0.00013 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.73              | mg/kg | 2.976        | 2.173          | mg/kg | 0.000217 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 3.4               | mg/kg | 2.774        | 9.432          | mg/kg | 0.000943 %           |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 77                | mg/kg |              | 77             | mg/kg | 0.0077 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.4               | pH    |              | 9.4            | pH    | 9.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00996 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0077%)

## Classification of sample: E2/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E2/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>2.50 - 3.00 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.5               | mg/kg | 1.126        | 1.689          | mg/kg | 0.000169 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.85              | mg/kg | 1.56         | 1.326          | mg/kg | 0.000085 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.3               | mg/kg | 2.976        | 3.869          | mg/kg | 0.000387 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 4.4               | mg/kg | 2.774        | 12.206         | mg/kg | 0.00122 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.8               | pH    |              | 8.8            | pH    | 8.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00374 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D2/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D2/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.70 - 1.60 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 21% No 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 }                                                                                                                                                           |           |            |          | 0.6 mg/kg         | 1.32         | 0.792 mg/kg    | 0.0000792 %          |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.57 mg/kg        | 3.22         | 1.835 mg/kg    | 0.000184 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.9 mg/kg         | 1.462        | 1.315 mg/kg    | 0.000132 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.9 mg/kg         | 1.126        | 3.265 mg/kg    | 0.000327 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.2 mg/kg         | 1.56         | 3.432 mg/kg    | 0.00022 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.3 mg/kg         | 2.976        | 6.845 mg/kg    | 0.000685 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 6.8 mg/kg         | 2.774        | 18.864 mg/kg   | 0.00189 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.3 pH            |              | 9.3 pH         | 9.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 3.2 mg/kg         |              | 3.2 mg/kg      | 0.00032 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.74 mg/kg        |              | 0.74 mg/kg     | 0.000074 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 3.2 mg/kg         |              | 3.2 mg/kg      | 0.00032 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 2.8 mg/kg         |              | 2.8 mg/kg      | 0.00028 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 1.3 mg/kg         |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 1.3 mg/kg         |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.99 mg/kg        |              | 0.99 mg/kg     | 0.000099 %           |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.46 mg/kg        |              | 0.46 mg/kg     | 0.000046 %           |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 1.5 mg/kg         |              | 1.5 mg/kg      | 0.00015 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 16 mg/kg          |              | 16 mg/kg       | 0.0016 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00798 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D3/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D3/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.65 - 1.70 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.46              | mg/kg | 3.22         | 1.481          | mg/kg | 0.000148 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.5               | mg/kg | 1.462        | 2.192          | mg/kg | 0.000219 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.6               | mg/kg | 1.126        | 1.801          | mg/kg | 0.00018 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.3               | mg/kg | 1.56         | 3.588          | mg/kg | 0.00023 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2                 | mg/kg | 2.976        | 5.953          | mg/kg | 0.000595 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 7.2               | mg/kg | 2.774        | 19.974         | mg/kg | 0.002 %              |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.8               | pH    |              | 9.8            | pH    | 9.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00505 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: D3/TP03

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D3/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.20 - 2.20 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 21% No 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 }                                                                                                                                                           |           |            |          | 3.9 mg/kg         | 1.32         | 5.149 mg/kg    | 0.000515 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.57 mg/kg        | 3.22         | 1.835 mg/kg    | 0.000184 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.2 mg/kg         | 1.462        | 3.215 mg/kg    | 0.000322 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 6.1 mg/kg         | 1.126        | 6.868 mg/kg    | 0.000687 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 3.6 mg/kg         | 1.56         | 5.615 mg/kg    | 0.00036 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 4.9 mg/kg         | 2.976        | 14.584 mg/kg   | 0.00146 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 20 mg/kg          | 2.774        | 55.483 mg/kg   | 0.00555 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.3 pH           |              | 10.3 pH        | 10.3 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0107 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: D4/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.85 - 1.50 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **21% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.4               | mg/kg | 1.462        | 2.046          | mg/kg | 0.000205 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.3               | mg/kg | 1.126        | 2.59           | mg/kg | 0.000259 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.6               | mg/kg | 1.56         | 4.056          | mg/kg | 0.00026 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.5               | mg/kg | 2.976        | 4.464          | mg/kg | 0.000446 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.2               | mg/kg | 2.774        | 22.748         | mg/kg | 0.00227 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.5               | pH    |              | 9.5            | pH    | 9.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00525 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D4/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.70 - 2.70 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% No 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 }                                                                                                                                                           |           |            |          | 0.6               | mg/kg | 1.32         | 0.792          | mg/kg | 0.0000792 %          |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.1               | mg/kg | 1.462        | 3.069          | mg/kg | 0.000307 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.9               | mg/kg | 1.126        | 3.265          | mg/kg | 0.000327 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2.7               | mg/kg | 1.56         | 4.212          | mg/kg | 0.00027 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 2.3               | mg/kg | 2.976        | 6.845          | mg/kg | 0.000685 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.28              | mg/kg | 1.405        | 0.393          | mg/kg | 0.0000393 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 13                | mg/kg | 2.774        | 36.064         | mg/kg | 0.00361 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.6               | pH    |              | 9.6            | pH    | 9.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00702 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D4/TP04

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP04</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.30 - 2.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **21% No 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 }                                                                                                                                                           |           |            |          | 0.6               | mg/kg | 1.32         | 0.792          | mg/kg | 0.0000792 %          |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.5               | mg/kg | 1.462        | 2.192          | mg/kg | 0.000219 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 4                 | mg/kg | 1.126        | 4.504          | mg/kg | 0.00045 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.2               | mg/kg | 1.56         | 9.671          | mg/kg | 0.00062 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.6               | mg/kg | 2.976        | 4.762          | mg/kg | 0.000476 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 29                | mg/kg | 2.774        | 80.45          | mg/kg | 0.00805 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 640               | mg/kg |              | 640            | mg/kg | 0.064 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.6               | pH    |              | 9.6            | pH    | 9.6 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5    | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1    | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6    | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5    | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.53 mg/kg        |              | 0.53 mg/kg     | 0.000053 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5    | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |            |          | 0.19 mg/kg        |              | 0.19 mg/kg     | 0.000019 %           |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1    | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 1.2 mg/kg         |              | 1.2 mg/kg      | 0.00012 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4    | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 1.3 mg/kg         |              | 1.3 mg/kg      | 0.00013 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3    | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.73 mg/kg        |              | 0.73 mg/kg     | 0.000073 %           |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6    | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.81 mg/kg        |              | 0.81 mg/kg     | 0.000081 %           |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4    | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.74 mg/kg        |              | 0.74 mg/kg     | 0.000074 %           |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9    | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.43 mg/kg        |              | 0.43 mg/kg     | 0.000043 %           |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6    | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.61 mg/kg        |              | 0.61 mg/kg     | 0.000061 %           |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5    | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2    | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8    | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8    | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 6.5 mg/kg         |              | 6.5 mg/kg      | 0.00065 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 648-073-00-3 | 309-956-6  |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7    | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 0.0756 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.064%)

Classification of sample: D5/TP02

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D5/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.45 - 1.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.7 mg/kg         | 1.32         | 0.924 mg/kg    | 0.0000924 %          |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.5 mg/kg         | 1.462        | 2.192 mg/kg    | 0.000219 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.5 mg/kg         | 1.126        | 2.815 mg/kg    | 0.000281 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 2 mg/kg           | 1.56         | 3.12 mg/kg     | 0.0002 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.5 mg/kg         | 2.976        | 4.464 mg/kg    | 0.000446 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 8.5 mg/kg         | 2.774        | 23.58 mg/kg    | 0.00236 %            |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 1600 mg/kg        |              | 1600 mg/kg     | 0.16 %               |            |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | confirm TPH has NOT arisen from diesel or petrol                                                                                                                                       |           |            |          | ☑                 |              |                |                      |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |              |                |                      |            |                |
| 14 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |           |            |          | 0.5 mg/kg         | 1.884        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 15     | <div> <div>pH</div> <div></div> <div>PH</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |            |          | 10.5              | pH    |              | 10.5           | pH    | 10.5 pH              |            |                |
| 16     | <div> <div>naphthalene</div> <div>601-052-00-2</div> <div>202-049-5</div> <div>91-20-3</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 17     | <div> <div>acenaphthylene</div> <div></div> <div>205-917-1</div> <div>208-96-8</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 18     | <div> <div>acenaphthene</div> <div></div> <div>201-469-6</div> <div>83-32-9</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 19     | <div> <div>fluorene</div> <div></div> <div>201-695-5</div> <div>86-73-7</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 20     | <div> <div>phenanthrene</div> <div></div> <div>201-581-5</div> <div>85-01-8</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 21     | <div> <div>anthracene</div> <div></div> <div>204-371-1</div> <div>120-12-7</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 22     | <div> <div>fluoranthene</div> <div></div> <div>205-912-4</div> <div>206-44-0</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 23     | <div> <div>pyrene</div> <div></div> <div>204-927-3</div> <div>129-00-0</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 24     | <div> <div>benzo[a]anthracene</div> <div>601-033-00-9</div> <div>200-280-6</div> <div>56-55-3</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 25     | <div> <div>chrysene</div> <div>601-048-00-0</div> <div>205-923-4</div> <div>218-01-9</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 26     | <div> <div>benzo[b]fluoranthene</div> <div>601-034-00-4</div> <div>205-911-9</div> <div>205-99-2</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 27     | <div> <div>benzo[k]fluoranthene</div> <div>601-036-00-5</div> <div>205-916-6</div> <div>207-08-9</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 28     | <div> <div>benzo[a]pyrene; benzo[def]chrysene</div> <div>601-032-00-3</div> <div>200-028-5</div> <div>50-32-8</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 29     | <div> <div>indeno[123-cd]pyrene</div> <div></div> <div>205-893-2</div> <div>193-39-5</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 30     | <div> <div>dibenz[a,h]anthracene</div> <div>601-041-00-2</div> <div>200-181-8</div> <div>53-70-3</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 31     | <div> <div>benzo[ghi]perylene</div> <div></div> <div>205-883-8</div> <div>191-24-2</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 32     | <div> <div>Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.]</div> <div>648-073-00-3</div> <div>309-956-6</div> <div>101794-74-5</div> </div> |           |            | H, M     | 2                 | mg/kg |              | 2              | mg/kg | 0.0002 %             |            |                |
| 33     | <div> <div>phenol</div> <div>604-001-00-2</div> <div>203-632-7</div> <div>108-95-2</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |            |          | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |            |          |                   |       |              |                |       | 0.164 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

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Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.16%)

## Classification of sample: E3/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E3/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.45 - 1.10 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 1.3               | mg/kg | 1.32         | 1.716          | mg/kg | 0.000172 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.14              | mg/kg | 1.142        | 0.16           | mg/kg | 0.000016 %           |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 2.2               | mg/kg | 1.462        | 3.215          | mg/kg | 0.000322 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 2.8               | mg/kg | 1.126        | 3.152          | mg/kg | 0.000315 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6                 | mg/kg | 1.56         | 9.359          | mg/kg | 0.0006 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.3               | mg/kg | 2.976        | 9.822          | mg/kg | 0.000982 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 13                | mg/kg | 2.774        | 36.064         | mg/kg | 0.00361 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.4               | pH    |              | 9.4            | pH    | 9.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00774 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: E3/TP02

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E3/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>3.00 - 4.00 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>16%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 2.2 mg/kg         | 1.32         | 2.905 mg/kg    | 0.00029 %            |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.74 mg/kg        | 3.22         | 2.383 mg/kg    | 0.000238 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.11 mg/kg        | 1.142        | 0.126 mg/kg    | 0.0000126 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 5.6 mg/kg         | 1.462        | 8.185 mg/kg    | 0.000818 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 22 mg/kg          | 1.126        | 24.77 mg/kg    | 0.00248 %            |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 14 mg/kg          | 1.56         | 21.837 mg/kg   | 0.0014 %             |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 5.9 mg/kg         | 2.976        | 17.56 mg/kg    | 0.00176 %            |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 46 mg/kg          | 2.774        | 127.611 mg/kg  | 0.0128 %             |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 11.2 pH           |              | 11.2 pH        | 11.2 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0214 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E5/TP01

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

## Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>E5/TP01</b>       | Chapter:  | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:        | Entry:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>1.10 - 2.80 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>23%</b>           |           |                                                                                           |
| (no correction)      |           |                                                                                           |

## Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc chromate: (compound conc.: 0.244%)

**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.: 8.7%)

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

Hazard Statements hit:

**Repr. 2; H361d** "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 8.7%)

**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.: 8.7%)

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

Hazard Statements hit:

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

Because of determinands:

dicopper oxide; copper (I) oxide: (compound conc.: 0.158%)

zinc chromate: (compound conc.: 0.244%)

**Aquatic Chronic 2; H411** "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 8.7%)

## 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.: 8.7%)

## Determinands

Moisture content: 23% No 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 }                                                                                                                                                           | 033-003-00-0 | 215-481-4  | 1327-53-3  | 2.3               | mg/kg | 1.32         | 3.037          | mg/kg | 0.000304 %           |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                | 005-008-00-8 | 215-125-8  | 1303-86-2  | 1.2               | mg/kg | 3.22         | 3.864          | mg/kg | 0.000386 %           |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              | 048-002-00-0 | 215-146-2  | 1306-19-0  | 4.1               | mg/kg | 1.142        | 4.684          | mg/kg | 0.000468 %           |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 46                | mg/kg | 1.462        | 67.232         | mg/kg | 0.00672 %            |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 1400              | mg/kg | 1.126        | 1576.244       | mg/kg | 0.158 %              |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 310               | mg/kg | 1.56         | 483.543        | mg/kg | 0.031 %              |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.06              | mg/kg | 1.353        | 0.0812         | mg/kg | 0.00000812 %         |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 66                | mg/kg | 2.976        | 196.433        | mg/kg | 0.0196 %             |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.6               | mg/kg | 1.405        | 0.843          | mg/kg | 0.0000843 %          |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 880               | mg/kg | 2.774        | 2441.249       | mg/kg | 0.244 %              |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 87000             | mg/kg |              | 87000          | mg/kg | 8.7 %                |            |                |
| 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 |            |            | 2.2               | mg/kg | 1.884        | 4.145          | mg/kg | 0.000414 %           |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 9.2               | pH    |              | 9.2            | pH    | 9.2 pH               |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 16 | acenaphthylene                                                                                                                                                                         | 205-917-1    | 208-96-8   |            | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 17 | acenaphthene                                                                                                                                                                           | 201-469-6    | 83-32-9    |            | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 18 | fluorene                                                                                                                                                                               | 201-695-5    | 86-73-7    |            | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 19 | phenanthrene                                                                                                                                                                           | 201-581-5    | 85-01-8    |            | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 601-033-00-9 | 200-280-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 601-048-00-0 | 205-923-4  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 601-034-00-4 | 205-911-9  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 205-893-2    | 193-39-5   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 601-041-00-2 | 200-181-8  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8    | 191-24-2   |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 604-001-00-2 | 203-632-7  |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 9.161 %              |            |                |

#### Key

|  |                                                                                                                                 |
|--|---------------------------------------------------------------------------------------------------------------------------------|
|  | User supplied data                                                                                                              |
|  | 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 |

CLP: Note 1 Only the metal concentration has been used for classification

CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

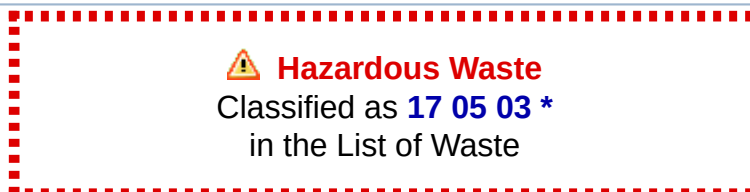
**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)



Classification of sample: E5/TP01[2]



Sample details

|                      |           |                                                                                           |
|----------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code: |                                                                                           |
| <b>E5/TP01[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>3.30 - 3.80 m</b> |           |                                                                                           |
| Moisture content:    |           |                                                                                           |
| <b>21%</b>           |           |                                                                                           |
| (no 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.: 0.78%)

**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.: 0.78%)

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.: 0.78%)

Determinands

Moisture content: **21% No 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 }            |           |            |          | 0.5 mg/kg         | 1.32         | 0.66 mg/kg     | 0.000066 %           |            |                |
|   | 033-003-00-0                            | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 | boron { diboron trioxide; boric oxide } |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %           |            |                |
|   | 005-008-00-8                            | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 3 | cadmium { cadmium oxide }               |           |            |          | 0.11 mg/kg        | 1.142        | 0.126 mg/kg    | 0.0000126 %          |            |                |
|   | 048-002-00-0                            | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |

| #  | 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  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               | 215-160-9    | 1308-38-9  |            | 2.7               | mg/kg | 1.462        | 3.946          | mg/kg | 0.000395 %           |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              | 024-001-00-0 | 215-607-8  | 1333-82-0  | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            | 029-002-00-X | 215-270-7  | 1317-39-1  | 22                | mg/kg | 1.126        | 24.77          | mg/kg | 0.00248 %            |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 | 082-004-00-2 | 231-846-0  | 7758-97-6  | 21                | mg/kg | 1.56         | 32.756         | mg/kg | 0.0021 %             |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         | 080-010-00-X | 231-299-8  | 7487-94-7  | 0.05              | mg/kg | 1.353        | 0.0677         | mg/kg | 0.00000677 %         |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             | 028-035-00-7 | 238-766-5  | 14721-18-7 | 3                 | mg/kg | 2.976        | 8.929          | mg/kg | 0.000893 %           |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               | 034-002-00-8 |            |            | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 | 024-007-00-3 | 236-878-9  | 13530-65-9 | 19                | mg/kg | 2.774        | 52.709         | mg/kg | 0.00527 %            |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |              | TPH        |            | 7800              | mg/kg |              | 7800           | mg/kg | 0.78 %               |            |                |
| 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
| 14 | pH                                                                                                                                                                                     |              | PH         |            | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
| 15 | naphthalene                                                                                                                                                                            | 601-052-00-2 | 202-049-5  | 91-20-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |              | 205-917-1  | 208-96-8   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 17 | acenaphthene                                                                                                                                                                           |              | 201-469-6  | 83-32-9    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 18 | fluorene                                                                                                                                                                               |              | 201-695-5  | 86-73-7    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 19 | phenanthrene                                                                                                                                                                           |              | 201-581-5  | 85-01-8    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 20 | anthracene                                                                                                                                                                             |              | 204-371-1  | 120-12-7   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 21 | fluoranthene                                                                                                                                                                           |              | 205-912-4  | 206-44-0   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 22 | pyrene                                                                                                                                                                                 |              | 204-927-3  | 129-00-0   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     | 601-033-00-9 | 200-280-6  | 56-55-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 24 | chrysene                                                                                                                                                                               | 601-048-00-0 | 205-923-4  | 218-01-9   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   | 601-034-00-4 | 205-911-9  | 205-99-2   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   | 601-036-00-5 | 205-916-6  | 207-08-9   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     | 601-032-00-3 | 200-028-5  | 50-32-8    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |              | 205-893-2  | 193-39-5   | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  | 601-041-00-2 | 200-181-8  | 53-70-3    | 0.1               | mg/kg |              | 0.1            | mg/kg | 0.00001 %            |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 205-883-8 | 191-24-2    |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.792 %              |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

## Classification of sample: D3/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D3/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.85 - 1.65 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.2               | mg/kg | 1.462        | 1.754          | mg/kg | 0.000175 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1.3               | mg/kg | 1.126        | 1.464          | mg/kg | 0.000146 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.1               | mg/kg | 1.56         | 1.716          | mg/kg | 0.00011 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.4               | mg/kg | 2.976        | 4.167          | mg/kg | 0.000417 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 5.2               | mg/kg | 2.774        | 14.426         | mg/kg | 0.00144 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.9               | pH    |              | 8.9            | pH    | 8.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.0041 %             |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D4/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D4/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.50 - 1.35 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 21% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.8               | mg/kg | 1.462        | 1.169          | mg/kg | 0.000117 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 1                 | mg/kg | 1.126        | 1.126          | mg/kg | 0.000113 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.84              | mg/kg | 1.56         | 1.31           | mg/kg | 0.000084 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.2               | mg/kg | 2.976        | 3.572          | mg/kg | 0.000357 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 4.8               | mg/kg | 2.774        | 13.316         | mg/kg | 0.00133 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.3               | pH    |              | 9.3            | pH    | 9.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00381 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D5/TP03

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D5/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 - 1.00 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                                   |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                           | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                                  | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { <b>diboron trioxide; boric oxide</b> }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                                  | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                                  | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { <b>chromium(III) oxide (worst case)</b> }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                               | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { <b>chromium(VI) oxide</b> }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                                  | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                            |           |            |          | 0.5               | mg/kg | 1.126        | 0.563          | mg/kg | 0.0000563 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                                  | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { <b>lead chromate</b> }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                                  | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { <b>nickel chromate</b> }                                                                                                                                                             |           |            |          | 0.5               | mg/kg | 2.976        | 1.488          | mg/kg | 0.000149 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                                  | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                                      |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                                  |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { <b>zinc chromate</b> }                                                                                                                                                                 |           |            |          | 2.9               | mg/kg | 2.774        | 8.045          | mg/kg | 0.000805 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                               |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | cyanides { <b>salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex</b> } |           |            |          | 0.5               | mg/kg | 1.884        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                                  |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                            |           |            |          | 9.6               | pH    |              | 9.6            | pH    | 9.6 pH               |            |                |
|    |                                                                                                                                                                                               |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5    | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1    | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6    | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5    | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5    | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1    | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4    | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3    | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6    | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4    | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9    | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6    | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5    | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2    | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8    | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8    | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 648-073-00-3 | 309-956-6  |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7    | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 0.00294 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D5/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D5/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.70 - 1.60 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.6               | mg/kg | 1.462        | 0.877          | mg/kg | 0.0000877 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.52              | mg/kg | 1.126        | 0.585          | mg/kg | 0.0000585 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.58              | mg/kg | 2.976        | 1.726          | mg/kg | 0.000173 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 2.8               | mg/kg | 2.774        | 7.768          | mg/kg | 0.000777 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.5               | pH    |              | 9.5            | pH    | 9.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00295 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: D6/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D6/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 - 1.00 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>21%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **21% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.5               | mg/kg | 1.126        | 0.563          | mg/kg | 0.0000563 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.5               | mg/kg | 2.976        | 1.488          | mg/kg | 0.000149 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 2.2               | mg/kg | 2.774        | 6.103          | mg/kg | 0.00061 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.8               | pH    |              | 9.8            | pH    | 9.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00275 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
**Force this Hazardous property to non hazardous because** In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: D6/TP03

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

**Sample details**

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D6/TP03</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.10 - 1.00 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

**Hazard properties**

None identified

**Determinands**

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.5               | mg/kg | 1.126        | 0.563          | mg/kg | 0.0000563 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.5               | mg/kg | 2.976        | 1.488          | mg/kg | 0.000149 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 1.8               | mg/kg | 2.774        | 4.993          | mg/kg | 0.000499 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.4               | pH    |              | 9.4            | pH    | 9.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00264 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Classification of sample: D6/TP05

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>D6/TP05</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.40 - 1.20 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **18% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.89              | mg/kg | 1.126        | 1.002          | mg/kg | 0.0001 %             |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.4               | mg/kg | 1.56         | 2.184          | mg/kg | 0.00014 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.5               | mg/kg | 2.976        | 1.488          | mg/kg | 0.000149 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 2.9               | mg/kg | 2.774        | 8.045          | mg/kg | 0.000805 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.2               | pH    |              | 9.2            | pH    | 9.2 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00308 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E4/TP03

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

## Sample details

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Sample name:       | LoW Code:                                                                                 |
| <b>E4/TP03</b>     | Chapter:                                                                                  |
| Sample Depth:      | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.50 1.45 m</b> | Entry:                                                                                    |
| Moisture content:  | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>         |                                                                                           |
| (no correction)    |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.8               | mg/kg | 1.462        | 1.169          | mg/kg | 0.000117 %           |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.91              | mg/kg | 1.126        | 1.025          | mg/kg | 0.000102 %           |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.92              | mg/kg | 1.56         | 1.435          | mg/kg | 0.000092 %           |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 1.2               | mg/kg | 2.976        | 3.572          | mg/kg | 0.000357 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 4                 | mg/kg | 2.774        | 11.097         | mg/kg | 0.00111 %            |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.5               | pH    |              | 8.5            | pH    | 8.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00359 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E5/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E5/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.80 - 1.50 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: **18% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.57              | mg/kg | 1.126        | 0.642          | mg/kg | 0.0000642 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.71              | mg/kg | 2.976        | 2.113          | mg/kg | 0.000211 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 2.6               | mg/kg | 2.774        | 7.213          | mg/kg | 0.000721 %           |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 41                | mg/kg |              | 41             | mg/kg | 0.0041 %             |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.7               | pH    |              | 9.7            | pH    | 9.7 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |



| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00603 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."

---

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)

## Classification of sample: E6/TP01

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E6/TP01</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.20 - 1.20 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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 }                                                                                                                                                           |           |            |          | 0.5               | mg/kg | 1.32         | 0.66           | mg/kg | 0.000066 %           |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.288          | mg/kg | 0.000129 %           |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.114          | mg/kg | 0.0000114 %          |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 0.5               | mg/kg | 1.462        | 0.731          | mg/kg | 0.0000731 %          |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5               | mg/kg | 1.923        | 0.962          | mg/kg | 0.0000962 %          |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.5               | mg/kg | 1.126        | 0.563          | mg/kg | 0.0000563 %          |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 0.5               | mg/kg | 1.56         | 0.78           | mg/kg | 0.00005 %            |            |                |
|    | 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 %         |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.5               | mg/kg | 2.976        | 1.488          | mg/kg | 0.000149 %           |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25              | mg/kg | 1.405        | 0.351          | mg/kg | 0.0000351 %          |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 1.7               | mg/kg | 2.774        | 4.716          | mg/kg | 0.000472 %           |            |                |
|    | 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 %              |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942          | mg/kg | 0.0000942 %          |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 9.5               | pH    |              | 9.5            | pH    | 9.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number | CAS Number  |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5 | 91-20-3     |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1 | 208-96-8    |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6 | 83-32-9     |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5 | 86-73-7     |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5 | 85-01-8     |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1 | 120-12-7    |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4 | 206-44-0    |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3 | 129-00-0    |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6 | 56-55-3     |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4 | 218-01-9    |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9 | 205-99-2    |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6 | 207-08-9    |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5 | 50-32-8     |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2 | 193-39-5    |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8 | 53-70-3     |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8 | 191-24-2    |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |           |             | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        | 648-073-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 309-956-6 | 101794-74-5 |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7 | 108-95-2    |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |          |                   |              |                | 0.00261 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

## Classification of sample: E6/TP02

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

## Sample details

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Sample name:         | LoW Code:                                                                                 |
| <b>E6/TP02</b>       | Chapter:                                                                                  |
| Sample Depth:        | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.90 - 1.35 m</b> | Entry:                                                                                    |
| Moisture content:    | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>20%</b>           |                                                                                           |
| (no correction)      |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 20% No 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         | 1.98 mg/kg     | 0.000198 %   |                      |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4 mg/kg         | 3.22         | 1.288 mg/kg    | 0.000129 %   |                      |            |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 3  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1 mg/kg         | 1.142        | 0.114 mg/kg    | 0.0000114 %  |                      |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 4  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                                                                               |           |            |          | 1.1 mg/kg         | 1.462        | 1.608 mg/kg    | 0.000161 %   |                      |            |                |
|    |                                                                                                                                                                                        | 215-160-9 | 1308-38-9  |          |                   |              |                |              |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                                                                              |           |            |          | 0.5 mg/kg         | 1.923        | 0.962 mg/kg    | 0.0000962 %  |                      |            |                |
|    | 024-001-00-0                                                                                                                                                                           | 215-607-8 | 1333-82-0  |          |                   |              |                |              |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 0.68 mg/kg        | 1.126        | 0.766 mg/kg    | 0.0000766 %  |                      |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 1.2 mg/kg         | 1.56         | 1.872 mg/kg    | 0.00012 %    |                      |            |                |
|    | 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 % |                      |            |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 0.86 mg/kg        | 2.976        | 2.56 mg/kg     | 0.000256 %   |                      |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 10 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }                                                               |           |            |          | 0.25 mg/kg        | 1.405        | 0.351 mg/kg    | 0.0000351 %  |                      |            |                |
|    | 034-002-00-8                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 3.6 mg/kg         | 2.774        | 9.987 mg/kg    | 0.000999 %   |                      |            |                |
|    | 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 %      |                      |            |                |
|    |                                                                                                                                                                                        |           | 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        | 0.942 mg/kg    | 0.0000942 %  |                      |            |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.2 pH           |              | 10.2 pH        | 10.2 pH      |                      |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |              |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EC Number    | CAS Number |          |                   |              |                |                      |            |                |
| 15     | naphthalene                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-052-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 202-049-5    | 91-20-3    |          |                   |              |                |                      |            |                |
| 16     | acenaphthylene                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-917-1    | 208-96-8   |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-469-6    | 83-32-9    |          |                   |              |                |                      |            |                |
| 18     | fluorene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-695-5    | 86-73-7    |          |                   |              |                |                      |            |                |
| 19     | phenanthrene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 201-581-5    | 85-01-8    |          |                   |              |                |                      |            |                |
| 20     | anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-371-1    | 120-12-7   |          |                   |              |                |                      |            |                |
| 21     | fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-912-4    | 206-44-0   |          |                   |              |                |                      |            |                |
| 22     | pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 204-927-3    | 129-00-0   |          |                   |              |                |                      |            |                |
| 23     | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-033-00-9                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-280-6    | 56-55-3    |          |                   |              |                |                      |            |                |
| 24     | chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-048-00-0                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-923-4    | 218-01-9   |          |                   |              |                |                      |            |                |
| 25     | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-034-00-4                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-911-9    | 205-99-2   |          |                   |              |                |                      |            |                |
| 26     | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-036-00-5                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 205-916-6    | 207-08-9   |          |                   |              |                |                      |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-032-00-3                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-028-5    | 50-32-8    |          |                   |              |                |                      |            |                |
| 28     | indeno[123-cd]pyrene                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-893-2    | 193-39-5   |          |                   |              |                |                      |            |                |
| 29     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 601-041-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200-181-8    | 53-70-3    |          |                   |              |                |                      |            |                |
| 30     | benzo[ghi]perylene                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 205-883-8    | 191-24-2   |          |                   |              |                |                      |            |                |
| 31     | Aromatic hydrocarbons, C20-28, polycyclic, mixed coal-tar pitch-polyethylene-polypropylene pyrolysis-derived; Pyrolysis Products; [A complex combination hydrocarbons obtained from mixed coal tar pitch-polyethylene-polypropylene pyrolysis. Composed primarily of polycyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C20 through C28 and having a softening point of 100 oC to 220 oC (212 oF to 428 oF) according to DIN 52025.] |              |            | H, M     | 2 mg/kg           |              | 2 mg/kg        | 0.0002 %             |            |                |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 648-073-00-3 | 309-956-6  |          |                   |              |                |                      |            |                |
| 32     | phenol                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |            |          | 0.1 mg/kg         |              | 0.1 mg/kg      | 0.00001 %            |            |                |
|        | 604-001-00-2                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 203-632-7    | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |            |          |                   |              |                | 0.00355 %            |            |                |

#### Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification
- CLP: Note H Known incomplete entry, should not be used as is

#### Supplementary Hazardous Property Information

**HP 2: Oxidizing** "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"  
Force this Hazardous property to non hazardous because In soils

Hazard Statements hit:

**Ox. Sol. 1; H271** "May cause fire or explosion; strong oxidiser."



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Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00009%)

**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 In solids/soil

Hazard Statements hit:

---

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

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

### • 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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

■ **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

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

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

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

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

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

Description/Comments:

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

Reason for additional Hazards Statement(s):

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

■ **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.

## 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)

### 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 & 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) oxide}

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (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 {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}**

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

**zinc {zinc chromate}**

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

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

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

**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: 2022.187.5232.9825 (06 Jul 2022)

HazWasteOnline Database: 2022.187.5232.9825 (06 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

## Proforma A – Baseline Land Quality Characteristics/Waste Classification

| TABLE 1. SITE DETAILS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site                      | SAUNDERTON DATA CENTRE, HAW LANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Plan reference            | Area B – Grid Squares D3, D4, D5, D6, E3, E4, E5, E6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Area (sq m)               | Approx 15,400 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Plan                      | 223159/C/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ground Level              | Approx. 125.6 - 127.7 m AOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Relevant Previous Reports | Ove Arup & Partners Ltd (November 2007) 'Geo Environmental Investigation – Phase Two Report (REP/123955/001)<br>Hydrock 'Desk Study and Ground Investigation Report (Ref R/13649/004)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| AAe Investigation Date(s) | 31/05/22<br>08-09/06/22<br>14-15/06/22<br>22/06/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Scope and attachments     | <p>Pre-characterisation of soils for waste classification in accordance with AAe WASTE SEGREGATION &amp; DISCOVERY STRATEGY (ENABLING WORKS PHASE) (Ref. 223159/WSDS/001).</p> <p>Excavation of Trial Pits on 25 m grid across areas of proposed bulk excavation. Sampling and inspection of Made Ground and Natural Chalk Subsoils for waste classification purposes.</p> <p>Samples submitted to Chemtest Eurofins, UKAS/MCERTS accredited laboratory, for chemical analysis against a comprehensive solids suite. Results classified in accordance with Environment Agency guidance WM3 using HazWaste Online software. Results combined with previous data from Hydrock/Arup/RPS investigations.</p> <p>Attachments:</p> <ul style="list-style-type: none"> <li>• Trial Pit Logs and Photo Plates</li> <li>• Certificates of Analysis</li> <li>• HWOL Classification Report</li> </ul> |

| TABLE 2. STRATA                                                                                                          |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Strata                                                                                                                   | Strata thickness             | Comments/Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Surfacing</b> <ul style="list-style-type: none"> <li>- Macadam</li> <li>- Concrete</li> <li>- Brick paving</li> </ul> | Absent-0.85 m                | Hardstanding removed from some areas prior to AAe investigation. An area of Made Ground in the vicinity of E4/TP01, E4/TP02 and E4/TP03 was stockpiled and sampled by AAe. Concrete and Made Ground had already been removed (as part of hazardous removal) in the vicinity of D6/TP04.                                                                                                                                                                                                                           |
| <b>Made Ground</b>                                                                                                       | Absent-1.90 m                | <p>Relevant previous SI: TP115, TP312, TP318, TP322 – TP324, TP327, TP332, TP334, and TP342. Note: Not all strata tested in previous SI. Relevant data incorporated.</p> <p>AAe Report References: 22-20694, 22-21600, 22-21791 (ACM), 22-21794, 22-21797, 22-22356 (ACM), 22-22370, 22-22573, 22-23669, and 22-23673 (ACM).</p> <p>The Made Ground classification plan is presented on Drawing 223159/C/B. Details of the recorded Hazardous areas and further delineation testing are presented in Table 3.</p> |
| <b>Natural Chalk</b>                                                                                                     | Proved to maximum 4.00 m BGL | <p>Relevant previous SI: WS116, TP115, TP319 – TP321A, TP325 – TP326, TP328, and TP334. Note: Not all strata tested in previous SI. Relevant data incorporated.</p> <p>AAe Report References: 22-20694, 22-21600, 22-21794, 22-21797, 22-22370, 22-22573, and 22-23669.</p>                                                                                                                                                                                                                                       |

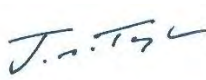
## Proforma A – Baseline Land Quality Characteristics/Waste Classification

|  |  |                                                                                                                                  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------|
|  |  | All natural strata samples classified as Non-Hazardous with the exception of hazardous hotspots delineated as per Table 3 below. |
|--|--|----------------------------------------------------------------------------------------------------------------------------------|

| TABLE 3: DELINEATION OF HAZARDOUS                       |                                                                                                               |                                                           |                                          |                                                                                                   |                                              |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| Location                                                | Hazardous Properties                                                                                          | Strata                                                    | Extend into underlying Natural? (Yes/No) | Further delineation testing and inspection                                                        | Laboratory report reference(s)               |
| D3/TP02 and TP334                                       | TPH                                                                                                           | Made Ground                                               | No                                       | 15/06/22 Refer to attached photo plates                                                           | 22-22310                                     |
| D4/TP04 and WS207                                       | TPH (Coal Tar)                                                                                                | Made Ground                                               | Yes                                      | No delineation as excavated without supervision by AAe, prior to AAe attendance.                  | See final site validation results            |
| Fuel Tank (D5/TP02), E5/TP01 and TP321                  | TPH - Fuel Tank (UST)                                                                                         | Made Ground                                               | Yes (WAC analysis)                       | 28-30/06/22 Refer to attached photo plates                                                        | 22-24545<br>22-24772<br>22-24774<br>22-24961 |
| WS116                                                   | pH                                                                                                            | No Made Ground tested                                     | Yes                                      | 05/07/22 Refer to attached photo plates                                                           | 22-25611                                     |
| D6/TP02, D6/TP03, D6/TP05                               | TPH, visible asbestos fragments (D6/TP02 Chrysotile cement and D6/TP03 Chrysotile cement and bitumen product) | Made Ground (ACM at surface)                              | No                                       | 22/06/22, 28/06/22 Refer to attached photo plates                                                 | 22-23674<br>22-24545                         |
| E3/TP02                                                 | Visible asbestos fragments (Chrysotile cement asbestos)                                                       | Made Ground                                               | No                                       | Shallow scrape of Made Ground to remove asbestos undertaken.<br>Site-wide removal of Made Ground. | See final site validation results            |
| D4/TP02                                                 | Visible asbestos fragments (Chrysotile cement and bitumen product)                                            | At surface (Made Ground matrix is Non-Hazardous)          | No                                       | Shallow scrape of Made Ground to remove asbestos undertaken.<br>Site-wide removal of Made Ground. | See final site validation results            |
| Strip between C3/D3 (AS17 & AS18), E3 ACM (AS16 & AS20) | Visible asbestos fragments (Chrysotile cement, Chrysotile tile and Amosite Chrysotile board)                  | In duct backfill. No further MG or N analysis undertaken. | No                                       | Shallow scrape of Made Ground to remove asbestos undertaken.<br>Site-wide removal of Made Ground. | See final site validation results            |
| E4/TP01, E4/TP02 and E4/TP03                            | Visible asbestos fragments (in stockpile) (Chrysotile cement)                                                 | Made Ground had been stockpiled                           | No                                       | Shallow scrape of Made Ground to remove asbestos undertaken.<br>Site-wide removal of Made Ground. | See final site validation results            |
| D5/TP04                                                 | Visible asbestos fragments (Chrysotile cement)                                                                | Made Ground                                               | No                                       | 05/07/22 Refer to attached photo plates                                                           | 22-25611                                     |
| E5/TP01 and E5/TP02                                     | Visible asbestos fragments (Chrysotile cement)                                                                | At surface                                                | No                                       | Shallow scrape of Made Ground to remove asbestos undertaken.                                      | See final site validation results            |

## Proforma A – Baseline Land Quality Characteristics/Waste Classification

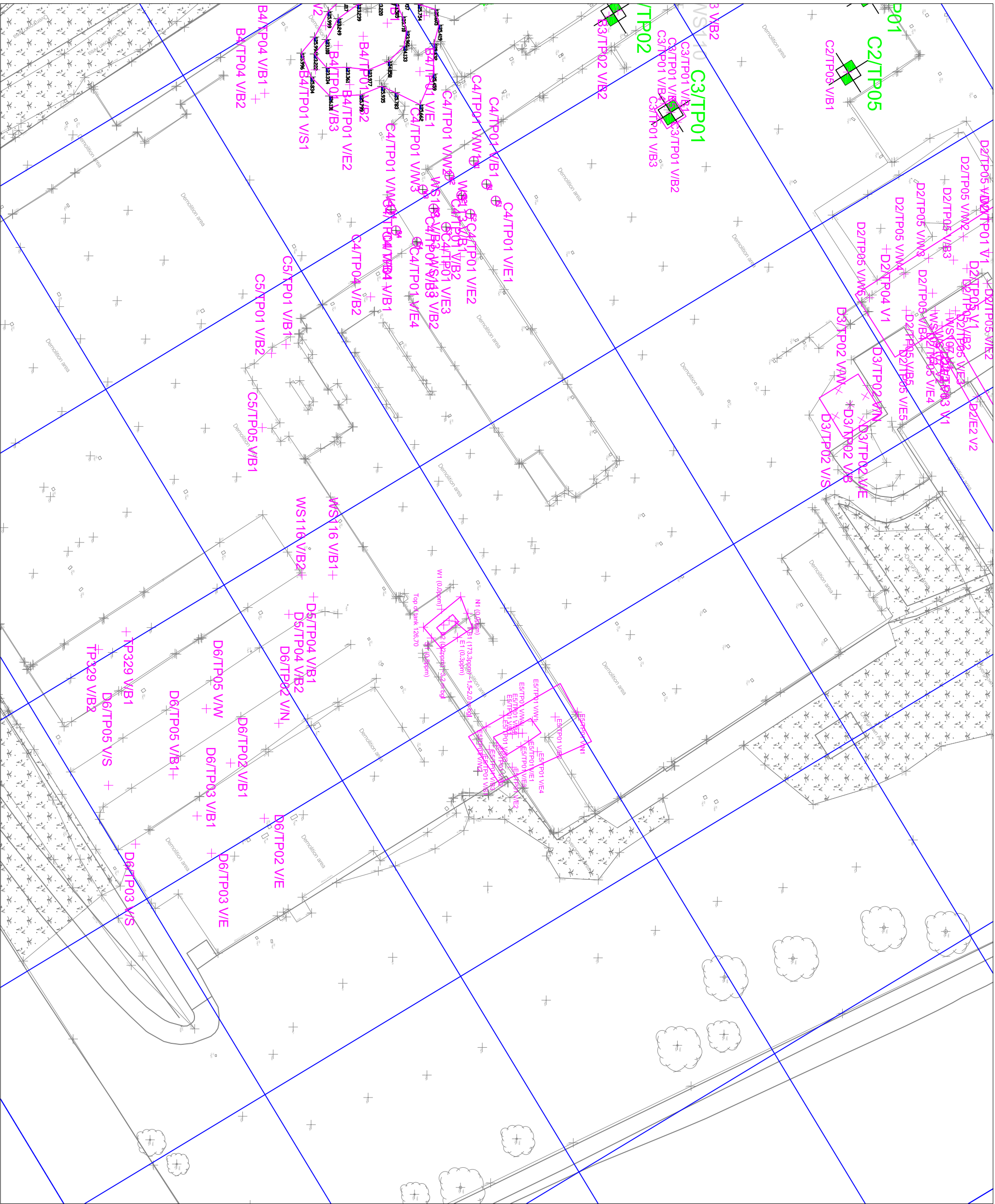
|                                                                                                                           |                                                      |                                                                            |  |                                   |  |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------|--|-----------------------------------|--|
|                                                                                                                           | E5/TP02 asbestos identified as Amosite fibres/clumps | (Made Ground matrix is Non-Hazardous)<br><br>E5/TP02 (Non-Hazardous <0.1%) |  | Site-wide removal of Made Ground. |  |
| Delineation sample locations presented on Drawing 223159/D/B. Reduced level/survey drawings to be provided by Enterprise. |                                                      |                                                                            |  |                                   |  |

| Sign off | Name     | Signature                                                                          | Date             |
|----------|----------|------------------------------------------------------------------------------------|------------------|
|          | J Taylor |  | 29/11/22 (FINAL) |









| Rev.                     |  | Details                                                                                                                                                                                                                                                                                                                                                                                                                            |         | Drawn    | Date       |
|--------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------|------------|
|                          |  | <div><div><div><div>AAE</div><div>Environmental Consultants</div></div></div><div><div>AAE Environmental Ltd</div><div>Units 4-8</div><div>Chobswell Court</div><div>Shipton Ashington</div><div>Oxon OX13 6HX</div><div>T: (01235) 538042</div><div>F: (01235) 523849</div><div>info@aae-uk.co.uk</div><div>www.aae-uk.co.uk</div></div></div> |         | Chkd.    |            |
| Project                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
| 223159                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
| Saunderton               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
| Title                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
| Validation Plan - Area B |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
|                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |          |            |
| Scale                    |  | Date                                                                                                                                                                                                                                                                                                                                                                                                                               | Sep '22 | Dwg. No. | 223159/D/B |
| 1:800(A3)                |  | Drawn                                                                                                                                                                                                                                                                                                                                                                                                                              | CAL     | Chkd.    | ML         |
|                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |         | Rev.     |            |



**Comment**

Fragment of suspected ACM (AS16) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

10

**Date**

14/06/2022

**Originator**

Kieran Evans



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**Comment**

Fragment of suspected ACM (AS17) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

11

**Date**

14/06/22

**Originator**

Kieran Evans


**AA Environmental Limited**

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**Comment**

Fragment of suspected ACM (AS18) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

12

**Date**

14/06/2022

**Originator**

Kieran Evans



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**Comment**

Fragment of suspected ACM (AS18) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

13

**Date**

14/06/2022

**Originator**

Kieran Evans



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|                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Fragments of suspected ACM (AS19) encountered on ground surface. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                        | <b>Photo Plate</b><br>14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                        | <b>Date</b><br>14/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                        | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                        | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

Fragments of suspected ACM (AS19) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

15

**Date**

14/06/2022

**Originator**

Kieran Evans



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**Comment**

Fragment of suspected ACM (AS20) encountered on ground surface.

**Project**

223159 – Saunderton

**Photo Plate**

16

**Date**

14/06/2022

**Originator**

Kieran Evans



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**Comment**

Trial pit D3/TP01, excavated to 1.50 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

7

**Date**

14/06/2022

**Originator**

Kieran Evans



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**Comment**

D3/TP01 Made Ground arisings.

**Project**

223159 – Saunderton

**Photo Plate**

8

**Date**

14/06/2022

**Originator**

Kieran Evans



**AA Environmental Limited**

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**Comment**

D3/TP01 Natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

9

**Date**

14/06/2022

**Originator**

Kieran Evans



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|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D3/TP02, excavated to 1.70 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                   | <b>Photo Plate</b><br>4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D3/TP02 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

D3/TP02 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

6

**Date**

31/05/2022

**Originator**

Tomos Eaves



**AA Environmental Limited**

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|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D3/TP03, excavated to 2.20 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   | <b>Photo Plate</b><br>7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D3/TP03 re-worked natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                           | <b>Photo Plate</b><br>8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                           | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                           | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

D3/TP03 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

9

**Date**

31/05/2022

**Originator**

Tomos Eaves



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**Comment**

Trial pit D3/TP04, excavated to 1.60 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

7

**Date**

15/06/2022

**Originator**

Kieran Evans



**AA Environmental Limited**

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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D3/TP04 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>15/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                     | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D3/TP04 Natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                 | <b>Photo Plate</b><br>9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                 | <b>Date</b><br>15/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



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|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D3/TP05, excavated to 1.65 m Below Ground Level (m BGL). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                          | <b>Photo Plate</b><br>3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                          | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                          | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                          | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D3/TP05 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |


**Comment**

D3/TP05 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

5

**Date**

09/06/2022

**Originator**

Tomos Eaves


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|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D4/TP01, excavated to 2.0 m BGL whereupon an obstruction was encountered. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                           | <b>Photo Plate</b><br>10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                           | <b>Date</b><br>15/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                           | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                           | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP01 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                     | <b>Date</b><br>15/06/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP01 Natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | <b>Photo Plate</b><br>12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                 | <b>Date</b><br>15/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                 | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**

Trial pit D4/TP02, excavated to 1.35 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

15

**Date**

09/06/2022

**Originator**

Tomos Eaves



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**Comment**

D4/TP02 Made Ground arisings.

**Project**

223159 – Saunderton

**Photo Plate**

16

**Date**

09/06/2022

**Originator**

Tomos Eaves



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**Comment**

Fragment of suspected ACM encountered on ground surface at D4/TP02.

**Project**

223159 – Saunderton

**Photo Plate**

17

**Date**

09/06/2022

**Originator**

Tomos Eaves


**AA Environmental Limited**

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**Comment**

Fragment of suspected ACM encountered on ground surface at D4/TP02.

**Project**

223159 – Saunderton

**Photo Plate**

18

**Date**

09/06/2022

**Originator**

Tomos Eaves



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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP02 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Photo Plate</b><br>19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                 | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D4/TP03, excavated to 1.50 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                   | <b>Photo Plate</b><br>21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



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|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP03 Made Ground arisings<br>(background) and natural arisings<br>(foreground). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                          | <b>Photo Plate</b><br>22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                          | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                          | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                          | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D4/TP04, excavated to 2.10 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   | <b>Photo Plate</b><br>27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



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|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP04 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | <b>Photo Plate</b><br>28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP04 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                 | <b>Photo Plate</b><br>29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                 | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D4/TP05, excavated to 2.70 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                   | <b>Photo Plate</b><br>23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP05 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                     | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP05 re-worked natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                           | <b>Photo Plate</b><br>25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                           | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                           | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D4/TP05 re-worked natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                           | <b>Photo Plate</b><br>26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                           | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                           | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**  
D5-TP01 Trial Pit

**Project**  
Saunderton

**Photo Plate**  
Photo 18

**Date**  
22/6/22

**Originator**  
J Taylor





**Comment**

D5-TP01 Trial Pit – Made Ground arisings

**Project**

Saunderton

**Photo Plate**

Photo 19

**Date**

22/6/22

**Originator**

J Taylor



**AA Environmental Limited**

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**Comment**

D5-TP01 Trial Pit – Natural arisings

**Project**

Saunderton

**Photo Plate**

Photo 20

**Date**

22/6/22

**Originator**

J Taylor

|                                                                                                                               |                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>AAe<br/>Environmental Consultants</p> | <p><b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a></p> |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit D5/TP02, excavated to 1.10 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   | <b>Photo Plate</b><br>13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |



|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D5/TP02 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                 | <b>Photo Plate</b><br>14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                 | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |




**Comment**

Trial pit D5/TP03, excavated to 1.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

11

**Date**

08/06/2022

**Originator**

Tomos Eaves


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|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D5/TP03 Made Ground arisings along edge of pit. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                       | <b>Photo Plate</b><br>12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                       | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                       | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                       | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D5/TP03, natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                  | <b>Photo Plate</b><br>13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                  | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                  | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                  | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**  
D5-TP04 Trial Pit

**Project**  
Saunderton

**Photo Plate**  
Photo 15

**Date**  
22/6/22

**Originator**  
J Taylor





**Comment**

D5-TP04 Trial Pit – Made Ground arisings

**Project**

Saunderton

**Photo Plate**

Photo 16

**Date**

22/6/22

**Originator**

J Taylor



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**Comment**

D5-TP04 Trial Pit – Natural arisings

**Project**

Saunderton

**Photo Plate**

Photo 17

**Date**

22/6/22

**Originator**

J Taylor



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**Comment**

Trial pit D5/TP05, excavated to 1.60 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

26

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

D5/TP05 Made Ground arisings.

**Project**

223159 – Saunderton

**Photo Plate**

27

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D5/TP05 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                 | <b>Photo Plate</b><br>28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                 | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**  
D6-TP01 Trial Pit

**Project**  
Saunderton

**Photo Plate**  
Photo 12

**Date**  
22/6/22

**Originator**  
J Taylor





**Comment**

D6-TP01 Trial Pit – Made Ground arisings

**Project**

Saunderton

**Photo Plate**

Photo 13

**Date**

22/6/22

**Originator**

J Taylor

**AA Environmental Limited**

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**Comment**

D6-TP01 Trial Pit – Natural arisings

**Project**

Saunderton

**Photo Plate**

Photo 14

**Date**

22/6/22

**Originator**

J Taylor

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**Comment**

Trial pit D6/TP02, excavated to 1.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

14

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D6/TP02, Made Ground arisings along edge of pit. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                        | <b>Photo Plate</b><br>15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                        | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                        | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                        | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |


**Comment**

Fragment of suspected ACM encountered on ground surface at D6/TP02.

**Project**

223159 – Saunderton

**Photo Plate**

16

**Date**

08/06/2022

**Originator**

Tomos Eaves


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**Comment**

D6/TP02 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

17

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

Trial pit D6/TP03, excavated to 1.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

18

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D6/TP03 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                     | <b>Photo Plate</b><br>19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

Fragment of suspected ACM encountered on ground surface at D6/TP03.

**Project**

223159 – Saunderton

**Photo Plate**

20

**Date**

08/06/2022

**Originator**

Tomos Eaves



**AA Environmental Limited**

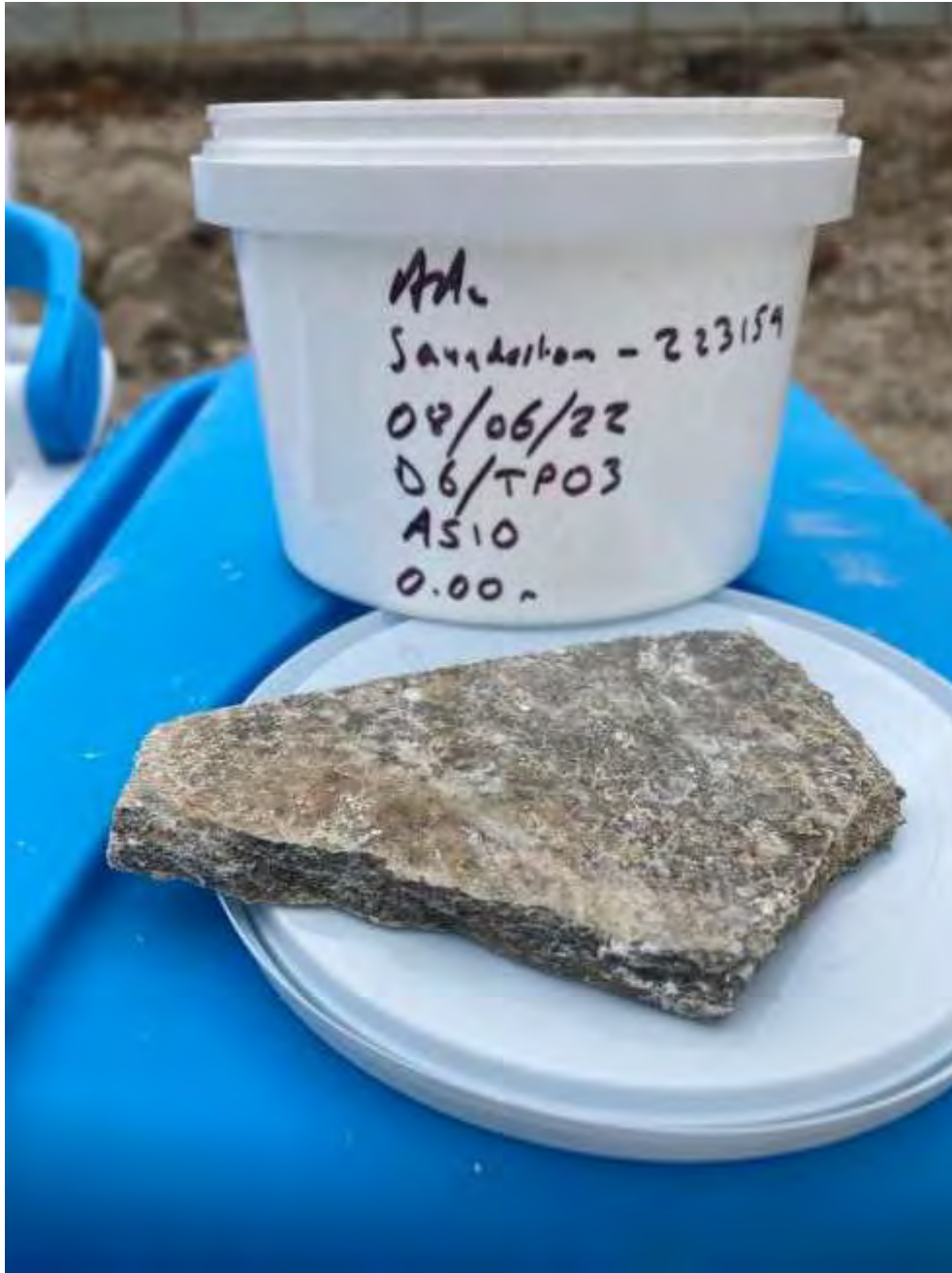
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**Comment**

Fragment of suspected ACM encountered on ground surface at D6/TP03.

**Project**

223159 – Saunderton

**Photo Plate**

21

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D6/TP03 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Photo Plate</b><br>22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                 | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**  
D6-TP04 Trial Pit

**Project**  
Saunderton

**Photo Plate**  
Photo 10

**Date**  
22/6/22

**Originator**  
J Taylor



**Comment**

D6-TP04 Trial Pit – Natural Arisings

**Project**

Saunderton

**Photo Plate**

Photo 11

**Date**

22/6/22

**Originator**

J Taylor

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**Comment**

Trial pit D6/TP05, excavated to 1.20 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

23

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

D6/TP05 Made Ground arisings.

**Project**

223159 – Saunderton

**Photo Plate**

24

**Date**

08/06/2022

**Originator**

Tomos Eaves



**AA Environmental Limited**

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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>D6/TP05 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                 | <b>Photo Plate</b><br>25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                 | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit E3/TP01, excavated to 1.10 m Below Ground Level (m BGL). | <b>Project</b><br>223159 - Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                          | <b>Photo Plate</b><br>1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                          | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                          | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                          | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E3/TP01 Made Ground arisings. | <b>Project</b><br>223159 - Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                     | <b>Photo Plate</b><br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                     | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E3/TP01 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                 | <b>Photo Plate</b><br>3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                 | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**

Trial pit E3/TP02, excavated to 4.00 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

10

**Date**

31/05/2022

**Originator**

Tomos Eaves



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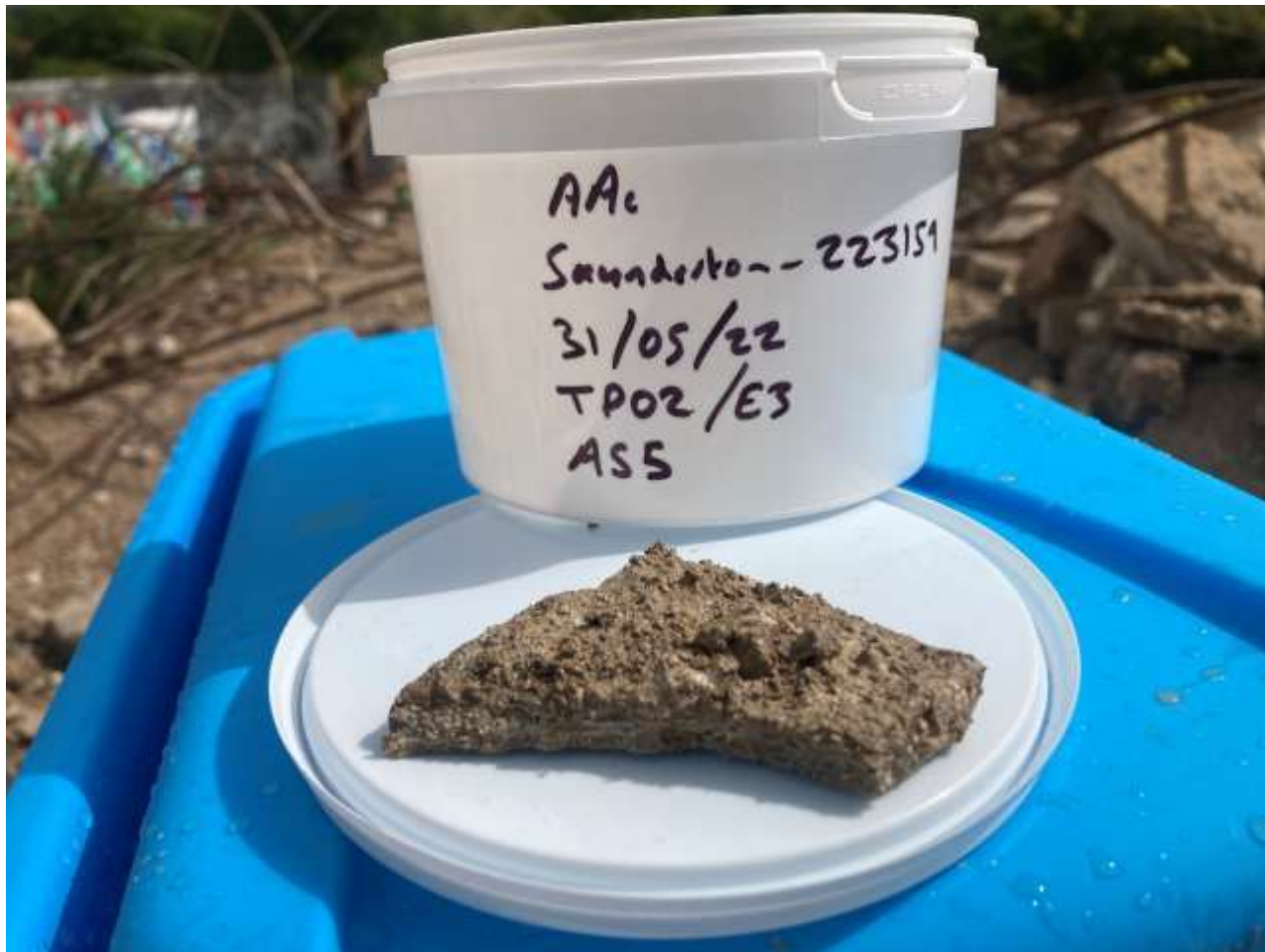
www.aae-ltd.co.uk





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|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit E3/TP02, excavated to 4.00 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   | <b>Photo Plate</b><br>11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>Environmental Consultants</p> </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





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|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Fragment of suspected Asbestos Containing Material (ACM) encountered in E3/TP02. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                        | <b>Photo Plate</b><br>12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                        | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                        | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                        | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |


**Comment**

Stockpile E4/TP01(SP).

**Project**

223159 – Saunderton

**Photo Plate**

9

**Date**

09/06/2022

**Originator**

Tomos Eaves


**AA Environmental Limited**

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|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Stockpile E4/TP01(SP). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                              | <b>Photo Plate</b><br>10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                              | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                              | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                              | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



|                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Fragment of suspected ACM encountered within stockpile E4/TP01(SP). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                           | <b>Photo Plate</b><br>11                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                           | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                           | <div data-bbox="555 1861 911 2038">  </div> <div data-bbox="1193 1834 1461 2080"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> |




**Comment**

Stockpile E4/TP02(SP).

**Project**

223159 – Saunderton

**Photo Plate**

12

**Date**

09/06/2022

**Originator**

Tomos Eaves


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**Comment**

Stockpile E4/TP02(SP).

**Project**

223159 – Saunderton

**Photo Plate**

13

**Date**

09/06/2022

**Originator**

Tomos Eaves


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Shippon, Abingdon

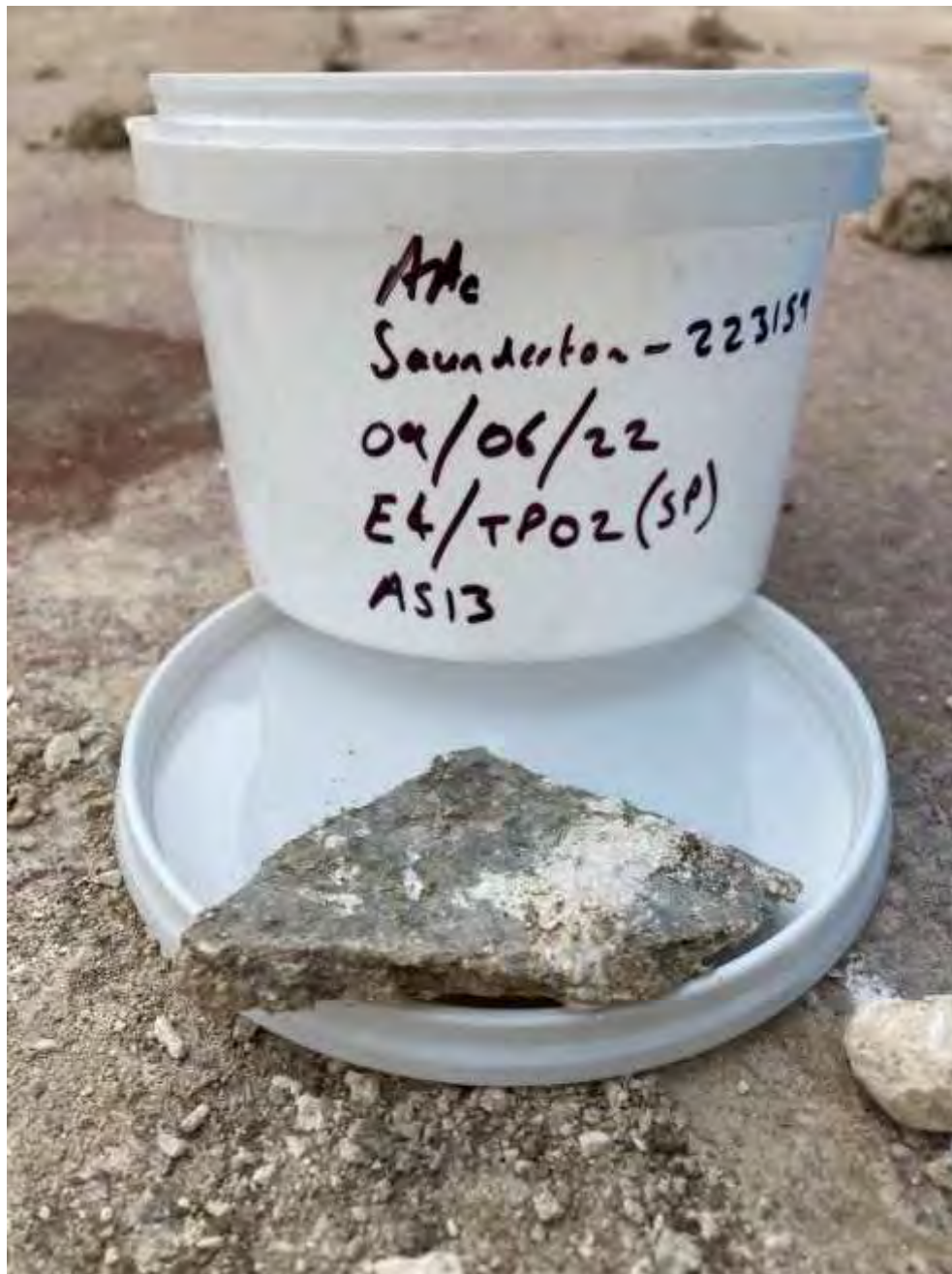
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|                                                                                           |                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Fragment of suspected ACM encountered within stockpile E4/TP02(SP). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                  |
|                                                                                           | <b>Photo Plate</b><br>14                                                                                                                                                                                                                                                                                                                                               |
|                                                                                           | <b>Date</b><br>09/06/2022                                                                                                                                                                                                                                                                                                                                              |
|                                                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                       |
|                                                                                           | <div data-bbox="555 1861 911 2038"> </div> <div data-bbox="1197 1834 1463 2083"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> |





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|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit E4/TP03, excavated to 1.45 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                   | <b>Photo Plate</b><br>29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





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|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E4/TP03 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                     | <b>Photo Plate</b><br>30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                     | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E4/TP03 natural arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                 | <b>Photo Plate</b><br>31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                 | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                 | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                 | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Stockpile E4/TP03(SP). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                              | <b>Photo Plate</b><br>32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                              | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                              | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                              | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**

Stockpile E4/TP03(SP).

**Project**

223159 – Saunderton

**Photo Plate**

33

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

Fragment of suspected ACM encountered within stockpile E4/TP03(SP).

**Project**

223159 – Saunderton

**Photo Plate**

34

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Trial pit E5/TP01, excavated to 3.80 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                   | <b>Photo Plate</b><br>15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





**Comment**

Trial pit E5/TP01, excavated to 3.80 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

16

**Date**

31/05/2022

**Originator**

Tomos Eaves



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|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E5/TP01 Made Ground arisings. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                     | <b>Photo Plate</b><br>17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                     | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |



**Comment**

Fragment of suspected Asbestos Containing Material (ACM) encountered in E5/TP01.

**Project**

223159 – Saunderton

**Photo Plate**

18

**Date**

31/05/2022

**Originator**

Tomos Eaves



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|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E5/TP01 natural arisings with potential hydrocarbon/organic staining present (1.10 m – 2.80 m BGL). | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                           | <b>Photo Plate</b><br>19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                           | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                           | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                           | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





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|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E5/TP01 natural arisings with less prevalent hydrocarbon/organic staining present from 2.80 m – 3.80 m BGL. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                   | <b>Photo Plate</b><br>20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                   | <b>Date</b><br>31/05/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                   | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                   | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

Trial pit E5/TP02, excavated to 1.50 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

7

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

E5/TP02 Made Ground arisings.

**Project**

223159 – Saunderton

**Photo Plate**

8

**Date**

08/06/2022

**Originator**

Tomos Eaves



**AA Environmental Limited**

Units 4-8 Cholswell Court

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**Comment**

Fragment of suspected ACM encountered on ground surface at E5/TP02.

**Project**

223159 – Saunderton

**Photo Plate**

9

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

E5/TP02 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

10

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

Trial pit E6/TP01, excavated to 1.30 m BGL.

**Project**

223159 – Saunderton

**Photo Plate**

4

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E6/TP01 Made Ground arisings along edge of pit. | <b>Project</b><br>223159 – Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                       | <b>Photo Plate</b><br>5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                       | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                       | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                       | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

E6/TP01 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

6

**Date**

08/06/2022

**Originator**

Tomos Eaves



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**Comment**

Trial pit E6/TP02, excavated to 1.35 m Below Ground Level (m BGL).

**Project**

223159 - Saunderton

**Photo Plate**

1

**Date**

08/06/2022

**Originator**

Tomos Eaves



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|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>E6/TP02 Made Ground arisings. | <b>Project</b><br>223159 - Saunderton                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                     | <b>Photo Plate</b><br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                     | <b>Date</b><br>08/06/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                     | <b>Originator</b><br>Tomos Eaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                     | <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <b>AA Environmental Limited</b><br/> Units 4-8 Cholswell Court<br/> Shippon, Abingdon<br/> OX13 6HX<br/> T: (01235) 536042<br/> F: (01235) 523849<br/> <a href="mailto:info@aae-ltd.co.uk">info@aae-ltd.co.uk</a><br/> <a href="http://www.aae-ltd.co.uk">www.aae-ltd.co.uk</a> </div> </div> |





**Comment**

E6/TP02 natural arisings.

**Project**

223159 – Saunderton

**Photo Plate**

3

**Date**

08/06/2022

**Originator**

Tomos Eaves



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# Trial Pit Log

TrialPit No  
D3/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
14/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.00

Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.50

0.80

Logged  
KE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                             |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                 |   |
|              | 0.00 - 0.90               | ES   |         |           |           |        | Light grey, cobbly, gravelly SAND. Cobbles of sub-angular chalk and sporadic concrete. Gravels are fine to coarse, angular to sub-angular of chalk and sporadic concrete. Sand is fine to coarse (MADE GROUND). |   |
|              |                           |      |         | 0.45      |           |        | Greyish-brown, gravelly, slightly clayey, SAND. Gravels are fine to coarse, sub-angular of chalk and sporadic brick. Sand is fine to coarse (MADE GROUND).                                                      |   |
|              | 1.00 - 1.50               | ES   |         | 0.90      |           |        | Light, brownish-white, cobbly, sandy GRAVEL. Cobbles of sub-angular chalk. Sand is fine to coarse. Gravels are fine to coarse, angular to sub-angular of chalk (NEW PIT CHALK FORMATION).                       | 1 |
|              |                           |      |         | 1.50      |           |        | End of Pit at 1.50m                                                                                                                                                                                             |   |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                 | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                 | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                 | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.







# Trial Pit Log

TrialPit No  
D3/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.00

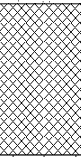
Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.70

2.30

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                                            |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                                |   |
|              | 0.25 - 0.65               | ES   |         | 0.25      |           |   | CONCRETE.                                                                                                                                                                                                                      |   |
|              | 0.65 - 1.70               | ES   |         | 0.65      |           |   | Greyish-brown, cobbly, gravelly SAND. Cobbles of angular to sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick and concrete. Sand is fine to coarse. Ceramic/clay tile (MADE GROUND). |   |
|              |                           |      |         |           |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                          | 1 |
|              |                           |      |         | 1.70      |           |                                                                                    | End of Pit at 1.70m                                                                                                                                                                                                            | 2 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

Trial Pit No  
D3/TP03  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

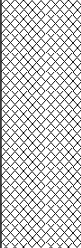
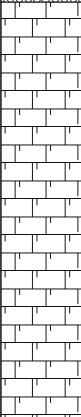
Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.20

2.50

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                            |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                |   |
|              | 0.40 - 1.10               | ES   |         | 0.40      |           |   | Reinforced CONCRETE.                                                                                                                                                                                           |   |
|              | 1.20 - 2.20               | ES   |         | 1.10      |           |   | Whitish-brown, cobbly, gravelly, clayey SAND. Cobbles of sub-angular chalk. Gravels are fine to coarse, sub-angular of concrete and chalk. Sand is fine to coarse. Metal sheet (re-worked chalk, MADE GROUND). | 1 |
|              |                           |      |         | 2.20      |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                          | 2 |
|              |                           |      |         |           |           |                                                                                    | End of Pit at 2.20m                                                                                                                                                                                            | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D3/TP04  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
15/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m):

2.00

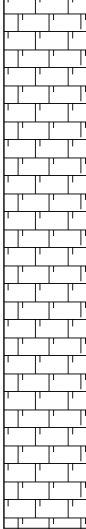
Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.60

1.00

Logged  
KE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
|              | 0.00 - 0.20               | ES   |         | 0.20      |           |   | Brownish-grey, cobbly, gravelly, slightly clayey SAND. Cobbles of sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk, flint, sporadic brick and macadam. Sand is fine to coarse (MADE GROUND). Light brownish-white, cobbly, gravelly SAND. Cobbles of sub-angular chalk. Gravels are fine to coarse, sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). |
|              | 0.70 - 1.20               | ES   |         | 1.60      |           |  |                                                                                                                                                                                                                                                                                                                                                                                                           |
|              |                           |      |         |           |           |                                                                                    | End of Pit at 1.60m                                                                                                                                                                                                                                                                                                                                                                                       |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D3/TP05  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
09/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.00

Depth  
1.65

1.00

Scale  
1:20

Logged  
TRE

Client: Avalon/Ramboll

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                                                                          |
|--------------|---------------------------|------|---------|-----------|-----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                                                                              |
|              |                           |      |         | 0.03      |           |        | MACADAM.<br>Reinforced CONCRETE.                                                                                                                                                                                                                                                             |
|              | 0.60 - 0.85               | ES   |         | 0.60      |           |        | Dark brownish-blackish grey, bouldery, cobbly, gravelly SAND. Boulders of sub-angular concrete. Cobbles of angular to sub-angular brick, concrete and flint. Gravels are fine to coarse, angular to sub-angular of brick, concrete, flint and macadam. Sand is fine to coarse (MADE GROUND). |
|              | 0.85 - 1.65               | ES   |         | 0.85      |           |        | Light, whitish-brown, cobbly, sandy GRAVEL. Cobbles of sub-angular chalk. Sand is fine to coarse. Gravels are fine to coarse, sub-angular of chalk (NEW PIT CHALK FORMATION).                                                                                                                |
|              |                           |      |         | 1.65      |           |        | End of Pit at 1.65m                                                                                                                                                                                                                                                                          |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D4/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
15/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.00

1.00

Logged  
KE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                        |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                            |   |
|              | 0.00 - 0.25               | ES   |         | 0.25      |           |        | Light whitish-grey, cobbly, gravelly SAND. Cobbles of sub-angular chalk and flint. Gravels are fine to coarse, sub-angular of chalk, flint and sporadic brick. Sand is fine to coarse (MADE GROUND).                       |   |
|              | 1.90 - 2.00               | ES   |         | 2.00      |           |        | Greyish-white, cobbly, gravelly SAND. Cobbles of sub-angular chalk. Gravels are fine to coarse, sub-angular of chalk. Sand is fine to coarse. Corrugated steel at 0.60 m BGL to base (re-worked, NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         |           |           |        | End of Pit at 2.00m                                                                                                                                                                                                        | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                            | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                            | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered. Concrete obstruction at base.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.







# Trial Pit Log

TrialPit No  
D4/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
09/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.50

Depth  
1.35

0.80

Scale  
1:20

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                                             |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                                                 |   |
|              | 0.00 - 0.50               | ES   |         |           |           |        | Brownish-grey, slightly bouldery, cobbly, gravelly SAND. Boulder of sub-angular concrete. Cobbles of angular to sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick and concrete. Sand is fine to coarse (MADE GROUND). |   |
|              | 0.50 - 1.35               | ES   |         | 0.50      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                                           | 1 |
|              |                           |      |         | 1.35      |           |        | End of Pit at 1.35m                                                                                                                                                                                                                                             | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                                                 | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                                                 | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered at ground surface.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D4/TP03  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

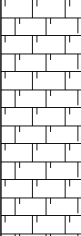
Dimensions (m): 2.90

Depth  
1.50

1.70

Scale  
1:20

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                   |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                       |   |
|              | 0.85 - 1.50               | ES   |         | 0.85      |           |   | Reinforced CONCRETE.                                                                                                                                                                  |   |
|              |                           |      |         | 1.50      |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         |           |           |                                                                                    | End of Pit at 1.50m                                                                                                                                                                   | 2 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                       | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                       | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D4/TP04  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.10

2.00

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                        |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                            |   |
|              | 0.20 - 1.30               | ES   |         | 0.20      |           |        | CONCRETE.                                                                                                                                                                                                                                  |   |
|              | 1.30 - 2.10               | ES   |         | 1.30      |           |        | Whitish, mid-brown, cobbly, gravelly, clayey SAND. Cobbles of sub-angular brick, chalk and concrete. Gravels are fine to medium, sub-angular of brick, concrete, chalk, flint and sporadic charcoal. Sand is fine to medium (MADE GROUND). | 1 |
|              |                           |      |         | 2.10      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                      | 2 |
|              |                           |      |         |           |           |        | End of Pit at 2.10m                                                                                                                                                                                                                        | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                            | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D4/TP05  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.80

2.00

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                 |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                     |   |
|              |                           |      |         | 0.03      |           |        | MACADAM.<br>Reinforced CONCRETE.                                                                                                                                                                                                    |   |
|              | 0.30 - 1.30               | ES   |         | 0.30      |           |        | Whitish, mid-brown, cobbly, gravelly, clayey SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to medium, sub-angular of brick, concrete, chalk, flint and sporadic charcoal. Sand is fine to medium (MADE GROUND). |   |
|              |                           |      |         | 1.00      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular brick, concrete and chalk. Gravels are fine to coarse, angular to sub-angular of brick, concrete and chalk. Sand is fine to coarse (re-worked chalk, MADE GROUND).  | 1 |
|              | 1.70 - 2.70               | ES   |         |           |           |        |                                                                                                                                                                                                                                     | 2 |
|              |                           |      |         | 2.20      |           |        | CONCRETE.                                                                                                                                                                                                                           |   |
|              |                           |      |         | 2.70      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                               |   |
|              |                           |      |         | 2.80      |           |        | End of Pit at 2.80m                                                                                                                                                                                                                 | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                     | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D5/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
22/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

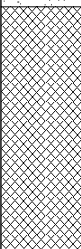
Dimensions (m):

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.60

Logged

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                                            |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                                |   |
|              | 0.30 - 0.90               | ES   |         | 0.25      |           |   | CONCRETE                                                                                                                                                                                                                       |   |
|              |                           |      |         | 0.90      |           |   | Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick, ceramic tile and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse (MADE GROUND). | 1 |
|              | 1.50 - 2.00               | ES   |         |           |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                          | 2 |
|              |                           |      |         | 2.60      |           |                                                                                    | End of Pit at 2.60m                                                                                                                                                                                                            | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.







# Trial Pit Log

TrialPit No  
D5/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

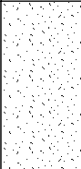
Dimensions (m): 3.00

Depth  
1.10

2.00

Scale  
1:20

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                            | Stratum Description                                                                                                                                                                   |   |
|--------------|---------------------------|------|---------|-----------|-----------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                   |                                                                                                                                                                                       |   |
|              | 0.45 - 1.10               | ES   |         | 0.45      |           |  | Reinforced CONCRETE.                                                                                                                                                                  |   |
|              |                           |      |         | 1.10      |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         |           |           |                                                                                   | End of Pit at 1.10m                                                                                                                                                                   | 2 |
|              |                           |      |         |           |           |                                                                                   |                                                                                                                                                                                       | 3 |
|              |                           |      |         |           |           |                                                                                   |                                                                                                                                                                                       | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D5/TP03  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.00

Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.00

0.80

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                              |
|--------------|---------------------------|------|---------|-----------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                  |
|              | 0.00 - 0.10               | ES   |         | 0.10      |           |        | Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse (MADE GROUND). |
|              | 0.10 - 1.00               | ES   |         | 1.00      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                            |
|              |                           |      |         |           |           |        | End of Pit at 1.00m                                                                                                                                                                                              |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D5/TP04  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
22/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

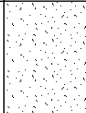
Dimensions (m):

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.10

Logged

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                                                                  |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                                                      |   |
|              | 0.30 - 0.50               | ES   |         | 0.30      |           |   | CONCRETE.                                                                                                                                                                                                                                            |   |
|              |                           |      |         | 0.50      |           |   | Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse. Suspected cement ACM fragment AS24 (MADE GROUND). |   |
|              | 1.00 - 2.00               | ES   |         |           |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                                | 1 |
|              |                           |      |         | 2.10      |           |                                                                                    | End of Pit at 2.10m                                                                                                                                                                                                                                  | 2 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                                      | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                                      | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragment encountered between 0.00 m - 0.30 m BGL.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D5/TP05  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

Depth  
1.60

0.80

Scale  
1:20

Logged  
TRE

Client: Avalon/Ramboll

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                       |
|              |                           |      |         | 0.04      |           |        | MACADAM. CONCRETE.                                                                                                                                                                    |
|              | 0.40 - 0.70               | ES   |         | 0.40      |           |        | Brown, gravelly SAND. Gravels are fine to coarse, sub-angular to sub-rounded of concrete and flint (sub-base, MADE GROUND).                                                           |
|              | 0.70 - 1.60               | ES   |         | 0.70      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). |
|              |                           |      |         | 1.60      |           |        | End of Pit at 1.60m                                                                                                                                                                   |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D6/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
22/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m):

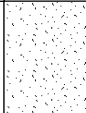
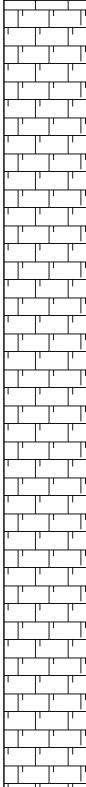


Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.60

Logged

| Water Strike | Samples & In Situ Testing |      |         | Depth (m)    | Level (m) | Legend                                                                                                                                                                                                                                                       | Stratum Description                                                                                                                                                                                                                                                                                                                                                                                                         |                  |
|--------------|---------------------------|------|---------|--------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|              | Depth                     | Type | Results |              |           |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |
|              | 0.30 - 0.50               | ES   |         | 0.30<br>0.50 |           | <br><br> | CONCRETE.<br><br>Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse. (MADE GROUND).<br>White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). | 1<br>2<br>3<br>4 |
|              | 2.00 - 2.60               | ES   |         | 2.60         |           |                                                                                                                                                                                                                                                              | End of Pit at 2.60m                                                                                                                                                                                                                                                                                                                                                                                                         |                  |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.







# Trial Pit Log

TrialPit No  
D6/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.00

Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.00

0.80

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|---------------------------|------|---------|-----------|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|              | 0.00 - 0.10               | ES   |         | 0.10      |           |        | Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse. Suspected ACM at ground surface (MADE GROUND).<br>White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). |
|              | 0.10 - 1.00               | ES   |         | 1.00      |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|              |                           |      |         |           |           |        | End of Pit at 1.00m                                                                                                                                                                                                                                                                                                                                                                                                                        |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered at ground surface.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D6/TP03  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.00

0.80

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                                                                               |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                                                                                   |   |
|              | 0.00 - 0.10               | ES   |         | 0.10      |           |        | Brownish-grey, slightly cobbly, gravelly SAND. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, angular to sub-angular of brick, concrete and flint. Sand is fine to coarse. Suspected ACM at ground surface (MADE GROUND). |   |
|              | 0.10 - 1.00               | ES   |         | 1.00      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                             |   |
|              |                           |      |         |           |           |        | End of Pit at 1.00m                                                                                                                                                                                                                               | 1 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                                   | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                                   | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                                                                                   | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered at ground surface.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D6/TP04  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
22/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m):

Scale  
1:20

Client: Avalon/Ramboll

Depth  
2.90

Logged

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                   |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                       |   |
|              |                           |      |         | 0.30      |           |        | CONCRETE. ALREADY REMOVED                                                                                                                                                             |   |
|              |                           |      |         |           |           |        | MADE GROUND. ALREADY REMOVED                                                                                                                                                          |   |
|              |                           |      |         | 0.70      |           |        | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). | 1 |
|              | 1.50 - 2.90               | ES   |         |           |           |        |                                                                                                                                                                                       | 2 |
|              |                           |      |         | 2.90      |           |        | End of Pit at 2.90m                                                                                                                                                                   | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                       | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
D6/TP05  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.00

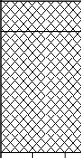
Depth  
1.20

0.80

Scale  
1:20

Logged  
TRE

Client: Avalon/Ramboll

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                            | Stratum Description                                                                                                                                                                                    |   |
|--------------|---------------------------|------|---------|-----------|-----------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                   |                                                                                                                                                                                                        |   |
|              | 0.08 - 0.40               | ES   |         | 0.08      |           |  | Brick paving (MADE GROUND).                                                                                                                                                                            |   |
|              |                           |      |         |           |           |  | Greyish-brown, gravelly SAND. Gravels are fine to medium, sub-angular of flint and sporadic concrete. Sand is fine to coarse (sub-base, MADE GROUND).                                                  |   |
|              | 0.40 - 1.20               | ES   |         | 0.40      |           |  | White, cobbly, slightly sandy, GRAVEL. Cobbles of sub-angular chalk. Sand is fine to coarse. Gravels are fine to coarse, angular to sub-angular of chalk and sporadic flint (NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         | 1.20      |           |                                                                                   | End of Pit at 1.20m                                                                                                                                                                                    | 2 |
|              |                           |      |         |           |           |                                                                                   |                                                                                                                                                                                                        | 3 |
|              |                           |      |         |           |           |                                                                                   |                                                                                                                                                                                                        | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
E3/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50  
Depth 1.10

Scale  
1:20

Logged  
TRE

Client: Avalon/Ramboll

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                                           |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                               |   |
|              | 0.20 - 0.45               | ES   |         | 0.20      |           |        | Reinforced CONCRETE.                                                                                                                                                                          |   |
|              | 0.45 - 1.10               | ES   |         | 0.45      |           |        | Reddish-brown, sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse, sub-angular of limestone and flint (sub-base, MADE GROUND).                                                    |   |
|              |                           |      |         | 1.10      |           |        | White, cobbly, sandy, GRAVEL. Cobbles of sub-angular chalk. Sand is fine to coarse. Gravels are fine to coarse, angular to sub-angular of chalk and sporadic flint (NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         |           |           |        | End of Pit at 1.10m                                                                                                                                                                           | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                               | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                               | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.







# Trial Pit Log

TrialPit No  
E3/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 2.50

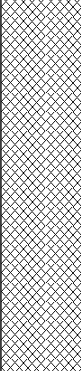
Scale  
1:20

Client: Avalon/Ramboll

Depth  
4.00

2.00

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                              | Stratum Description                                                                                                                                                                                                                                                       |   |
|--------------|---------------------------|------|---------|-----------|-----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                     |                                                                                                                                                                                                                                                                           |   |
|              | 0.70 - 1.70               | ES   |         | 0.70      |           |    | Reinforced CONCRETE.                                                                                                                                                                                                                                                      |   |
|              |                           |      |         | 1.70      |           |   | Light greyish-brown, cobbly, gravelly, clayey SAND. Cobbles of sub-angular brick, concrete and chalk. Gravels are fine to coarse, sub-angular of brick, concrete and chalk. Sand is fine to coarse. Suspected fragments of ACM throughout (re-worked chalk, MADE GROUND). | 1 |
|              | 3.00 - 4.00               | ES   |         |           |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                                                     | 2 |
|              |                           |      |         | 4.00      |           |                                                                                     | End of Pit at 4.00m                                                                                                                                                                                                                                                       | 3 |
|              |                           |      |         |           |           |                                                                                     |                                                                                                                                                                                                                                                                           | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered in Made Ground.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
E4/TP03  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m):

1.00

Scale  
1:20

Client: Avalon/Ramboll

Depth  
1.45

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend | Stratum Description                                                                                                                                                            |   |
|--------------|---------------------------|------|---------|-----------|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |        |                                                                                                                                                                                |   |
|              | 0.00 - 0.50               | ES   |         |           |           |        | Soft, mid-brown, gravelly, sandy CLAY. Gravels are fine to medium, sub-angular of flint and sporadic brick grains and charcoal. Sand is fine to medium (MADE GROUND).          |   |
|              | 0.50 - 1.45               | ES   |         | 0.50      |           |        | Light, whitish-brown, cobbly, gravelly SAND. Cobbles of sub-angular chalk. Gravels are fine to coarse, sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION). | 1 |
|              |                           |      |         | 1.45      |           |        | End of Pit at 1.45m                                                                                                                                                            | 2 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                | 3 |
|              |                           |      |         |           |           |        |                                                                                                                                                                                | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. No visual or olfactory evidence of contamination was encountered.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
E5/TP01  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
31/05/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.00

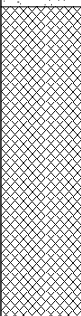
Scale  
1:20

Client: Avalon/Ramboll

Depth  
3.80

2.10

Logged  
TRE

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                              | Stratum Description                                                                                                                                                                                                                                                                                                                                                                                                           |   |
|--------------|---------------------------|------|---------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                               |   |
|              | 0.25 - 1.10               | ES   |         | 0.25      |           |    | Reinforced CONCRETE.                                                                                                                                                                                                                                                                                                                                                                                                          |   |
|              | 1.10 - 2.80               | ES   |         | 1.10      |           |    | Dark brownish-whitish-grey, with occasional blackish staining, bouldery, cobbly, gravelly SAND. Boulders of sub-angular brick and concrete. Cobbles of sub-angular brick, concrete and chalk. Gravels are fine to coarse, sub-angular of brick, concrete and chalk. Sand is fine to coarse and ashy on occasion. Clay tile/pipe fragments. Suspected fragments of ACM at 0.65 m. Metal manhole cover at 1.10 m (MADE GROUND). | 1 |
|              |                           |      |         |           |           |   | Bluish-black, cobbly, gravelly, slightly clayey SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse. Hydrocarbon/organic staining throughout (NEW PIT CHALK FORMATION).                                                                                                                                                                        | 2 |
|              |                           |      |         | 2.80      |           |  | Bluish-brown, cobbly, gravelly, slightly clayey SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse. Occasional, becoming sporadic hydrocarbon/organic staining throughout (NEW PIT CHALK FORMATION).                                                                                                                                          | 3 |
|              | 3.30 - 3.80               | ES   |         | 3.30      |           |  | White, cobbly, gravelly SAND. Cobbles of angular to sub-angular chalk. Gravels are fine to coarse, angular to sub-angular of chalk. Sand is fine to coarse (NEW PIT CHALK FORMATION).                                                                                                                                                                                                                                         |   |
|              |                           |      |         | 3.80      |           |                                                                                     | End of Pit at 3.80m                                                                                                                                                                                                                                                                                                                                                                                                           | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered at 0.65 m BGL. Hydrocarbon/organic staining encountered between from 0.25 m - 3.30 m BGL.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.





# Trial Pit Log

TrialPit No  
E5/TP02  
Sheet 1 of 1

Project Name: Saunderton Data Centre

Project No.  
223159

Co-ords: -  
Level:

Date  
08/06/2022

Location: Former Molins Site, Haw Lane, Saunderton, HP14 4JG (approx)

Dimensions (m): 3.00

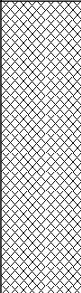
Depth  
1.50

0.80

Scale  
1:20

Logged  
TRE

Client: Avalon/Ramboll

| Water Strike | Samples & In Situ Testing |      |         | Depth (m) | Level (m) | Legend                                                                             | Stratum Description                                                                                                                                                                                                                                                                         |   |
|--------------|---------------------------|------|---------|-----------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|              | Depth                     | Type | Results |           |           |                                                                                    |                                                                                                                                                                                                                                                                                             |   |
|              | 0.00 - 0.80               | ES   |         |           |           |   | Reddish-greyish brown, bouldery, cobbly, gravelly SAND. Boulders of sub-angular concrete. Cobbles of sub-angular brick and concrete. Gravels are fine to coarse, sub-angular of brick and concrete, chalk and flint. Sand is fine to coarse. Suspected ACM at ground surface (MADE GROUND). |   |
|              | 0.80 - 1.50               | ES   |         | 0.80      |           |  | White, cobbly, slightly sandy, GRAVEL. Cobbles of sub-angular chalk. Sand is fine to coarse. Gravels are fine to coarse, angular to sub-angular of chalk and sporadic flint (NEW PIT CHALK FORMATION).                                                                                      | 1 |
|              |                           |      |         | 1.50      |           |                                                                                    | End of Pit at 1.50m                                                                                                                                                                                                                                                                         | 2 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                                                                             | 3 |
|              |                           |      |         |           |           |                                                                                    |                                                                                                                                                                                                                                                                                             | 4 |

Remarks: Trial pit was constructed by a tracked 360 excavator. No groundwater was encountered. Suspected ACM fragments encountered at ground surface.

Stability: Stable. On completion of logging and sampling, trial pit was backfilled with arisings in order of sequence and compacted.











# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-20694-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 09-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 16-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | 223159 Saunderton                                                                |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 06-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 10-Jun-2022 |
| <b>No. of Samples:</b>        | 19                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 15-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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# **Bulk Identification Certificate**

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 31-May-2022  
**Date Received:** 06-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-20694  
**No Samples:**  
**Date Reported:** 09-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material | Result     |
|------------|-----------|-------------|-------------|---------|------------|------|---------|------------|----------|------------|
| 1441244    | AS5       |             | TP02/E3     |         |            | 2185 | U       | DURHAM     | Cement   | Chrysotile |
| 1441245    | AS6       |             | TP01/E5     | 0.65    |            | 2185 | U       | DURHAM     | Cement   | Chrysotile |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1441227              | 1441228              | 1441229              | 1441230              | 1441231              | 1441232              | 1441233              | 1441234              |
|                                     | Sample Location:            |            |              |            | TP01/E3              | TP01/E3              | TP02/D3              | TP02/D3              | TP03/D3              | TP03/D3              | TP02/E3              | TP02/E3              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.20                 | 0.45                 | 0.25                 | 0.65                 | 0.40                 | 1.20                 | 0.70                 | 3.00                 |
|                                     | Bottom Depth (m):           |            |              |            | 0.45                 | 1.10                 | 0.65                 | 1.70                 | 1.1                  | 2.20                 | 1.70                 | 4.00                 |
|                                     | Date Sampled:               |            |              |            | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 6.0                  | 20                   | 16                   | 22                   | 21                   | 21                   | 14                   | 16                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | Brown                | White                | Brown                | Beige                | Brown                | White                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Gravel               | Clay                 | Loam                 | Clay                 | Clay                 | Clay                 | Gravel               | Clay                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.9                  | 9.4                  | 11.1                 | 9.8                  | 9.1                  | 10.3                 | 10.2                 | 11.2                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               | 0.77                 | 0.46                 | 0.85                 | 0.57                 | 0.99                 | 0.74                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.077                | 0.022                | 0.25                 | 0.047                | 0.058                | 0.087                | 0.32                 | 0.36                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | 0.90                 | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 4.0                  | 1.2                  | 1.6                  | 2.1                  | 1.3                  | 1.0                  | 1.3                  | 1.4                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 11                   | 1.3                  | 3.4                  | < 0.5                | 2.7                  | 3.9                  | 6.5                  | 2.2                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | 1.1                  | 0.14                 | 0.56                 | < 0.10               | 0.16                 | < 0.10               | 0.47                 | 0.11                 |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 14                   | 2.2                  | 11                   | 1.5                  | 5.5                  | 2.2                  | 34                   | 5.6                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 10                   | 2.8                  | 11                   | 1.6                  | 7.9                  | 6.1                  | 140                  | 22                   |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | 0.06                 | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | 0.05                 | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 13                   | 3.3                  | 8.5                  | 2.0                  | 5.9                  | 4.9                  | 19                   | 5.9                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 86                   | 6.0                  | 17                   | 2.3                  | 12                   | 3.6                  | 31                   | 14                   |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | 0.45                 | < 0.25               | 0.30                 | < 0.25               | < 0.25               | < 0.25               | 0.39                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 14                   | 2.2                  | 9.5                  | 1.5                  | 6.3                  | 6.5                  | 22                   | 5.5                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 140                  | 13                   | 86                   | 7.2                  | 54                   | 20                   | 93                   | 46                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 5.5                  | 4.9                  | 4.2                  | 6.5                  | 3.2                  | 3.0                  | 3.4                  | 3.8                  |
| Diesel Present                      | N                           | 2670       |              | N/A        |                      |                      | True                 |                      |                      |                      |                      |                      |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 21                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 530                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1100                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 270                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | 1900                 | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |             |             |             |             |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-20694     | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1441227      | 1441228     | 1441229     | 1441230     | 1441231     | 1441232     | 1441233     | 1441234     | 1441234     | 1441234     |
|                                     | Sample Location:            |            | TP01/E3      | TP01/E3     | TP02/D3     | TP02/D3     | TP03/D3     | TP03/D3     | TP02/E3     | TP02/E3     | TP02/E3     | TP02/E3     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.20         | 0.45        | 0.25        | 0.65        | 0.40        | 1.20        | 0.70        | 3.00        | 3.00        | 3.00        |
|                                     | Bottom Depth (m):           |            | 0.45         | 1.10        | 0.65        | 1.70        | 1.1         | 2.20        | 1.70        | 4.00        | 4.00        | 4.00        |
|                                     | Date Sampled:               |            | 31-May-2022  | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |             |             |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | 1900        | < 10        | < 10        | < 10        | < 10        | < 10        |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.1         | < 0.10      |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.2         | < 0.10      |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.83        | < 0.10      |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.1         | < 0.10      |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.83        | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.49        | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.80        | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 6.4         | < 2.0       |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |



## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1441235              | 1441236              | 1441237              | 1441238              | 1441239              | 1441240              | 1441241              | 1441242              |
|                                     | Sample Location:            |            |              |            | TP02/D5              | TP01/E5              | TP01/E5              | TP01/E5              | TP03/D4              | TP05/D4              | TP05/D4              | TP04/D4              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.45                 | 0.25                 | 1.10                 | 3.30                 | 0.85                 | 0.30                 | 1.70                 | 0.20                 |
|                                     | Bottom Depth (m):           |            |              |            | 1.10                 | 1.10                 | 2.80                 | 3.80                 | 1.50                 | 1.30                 | 2.70                 | 1.30                 |
|                                     | Date Sampled:               |            |              |            | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 20                   | 16                   | 23                   | 21                   | 21                   | 22                   | 22                   | 13                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Brown                | Black                | Beige                | White                | Brown                | White                | Brown                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Gravel               | Gravel               | Clay                 | Clay                 | Clay                 | Clay                 | Clay                 | Gravel               |
| pH                                  | M                           | 2010       |              | 4.0        | 10.5                 | 10.0                 | 9.2                  | 9.3                  | 9.5                  | 9.4                  | 9.6                  | 11.2                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | 2.7                  | 1.2                  | < 0.40               | < 0.40               | 0.76                 | < 0.40               | 0.65                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.078                | 0.56                 | 0.43                 | 0.042                | 0.15                 | 0.087                | 0.022                | 0.24                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | 0.80                 | 2.2                  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 1.9                  | 0.75                 | 0.90                 | 0.97                 | 5.0                  | 11                   | 78                   | 8.7                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 0.7                  | 4.5                  | 2.3                  | < 0.5                | < 0.5                | 1.2                  | 0.6                  | 11                   |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | 1.5                  | 4.1                  | 0.11                 | < 0.10               | 0.13                 | 0.10                 | 0.64                 |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 1.5                  | 19                   | 46                   | 2.7                  | 1.4                  | 3.8                  | 2.1                  | 14                   |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 2.5                  | 170                  | 1400                 | 22                   | 2.3                  | 7.7                  | 2.9                  | 130                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | 0.05                 | 0.06                 | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 1.5                  | 28                   | 66                   | 3.0                  | 1.5                  | 3.8                  | 2.3                  | 20                   |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 2.0                  | 410                  | 310                  | 21                   | 2.6                  | 11                   | 2.7                  | 200                  |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | 0.69                 | 0.60                 | < 0.25               | < 0.25               | < 0.25               | 0.28                 | 0.36                 |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 1.9                  | 12                   | 4.9                  | 1.0                  | 1.4                  | 4.8                  | 2.5                  | 15                   |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 8.5                  | 140                  | 880                  | 19                   | 8.2                  | 49                   | 13                   | 480                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 4.6                  | 9.5                  | 13                   | 11                   | 5.3                  | 5.1                  | 2.7                  | 3.8                  |
| Diesel Present                      | N                           | 2670       |              | N/A        | False                | False                | False                | False                |                      |                      |                      | False                |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 300                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 530                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1400                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 20000                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12000                | 52000                | 2400                 | < 1.0                | < 1.0                | < 1.0                | 77                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1300                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | 12000                | 76000                | 2400                 | < 5.0                | < 5.0                | < 5.0                | 77                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 53                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 120                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                              |                      |      |             |             |             |             |             |             |             |             |        |
|------------------------------|----------------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    |        |
| Quotation No.:               | Chemtest Sample ID.: |      | 1441235     | 1441236     | 1441237     | 1441238     | 1441239     | 1441240     | 1441241     | 1441242     |        |
|                              | Sample Location:     |      | TP02/D5     | TP01/E5     | TP01/E5     | TP01/E5     | TP03/D4     | TP05/D4     | TP05/D4     | TP04/D4     |        |
|                              | Sample Type:         |      | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |        |
|                              | Top Depth (m):       |      | 0.45        | 0.25        | 1.10        | 3.30        | 0.85        | 0.30        | 1.70        | 0.20        |        |
|                              | Bottom Depth (m):    |      | 1.10        | 1.10        | 2.80        | 3.80        | 1.50        | 1.30        | 2.70        | 1.30        |        |
|                              | Date Sampled:        |      | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 |        |
|                              | Asbestos Lab:        |      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |        |
| Determinand                  | Accred.              | SOP  | Units       | LOD         |             |             |             |             |             |             |        |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg       | 1.0         | < 1.0       | 240         | 480         | < 1.0       | < 1.0       | < 1.0       | < 1.0  |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg       | 1.0         | < 1.0       | 3700        | 790         | < 1.0       | < 1.0       | < 1.0       | 200    |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg       | 1.0         | 1600        | 21000       | 8800        | < 1.0       | < 1.0       | < 1.0       | 1700   |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg       | 1.0         | < 1.0       | 1100        | 410         | < 1.0       | < 1.0       | < 1.0       | < 1.0  |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg       | 5.0         | 1600        | 26000       | 11000       | < 5.0       | < 5.0       | < 5.0       | 1900   |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg       | 10.0        | 1600        | 38000       | 87000       | < 10        | < 10        | < 10        | 2000   |
| Naphthalene                  | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.71   |
| Acenaphthylene               | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 2.2    |
| Acenaphthene                 | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 3.9    |
| Fluorene                     | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 5.0    |
| Phenanthrene                 | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 51     |
| Anthracene                   | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 22     |
| Fluoranthene                 | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 130    |
| Pyrene                       | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 130    |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 67     |
| Chrysene                     | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 68     |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 76     |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 31     |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 66     |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 38     |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 9.5    |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 34     |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg       | 2.0         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 740    |
| Total Phenols                | M                    | 2920 | mg/kg       | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10 |

## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd        | Chemtest Job No.:    |      | 22-20694    |       |                      |
|-------------------------------------|----------------------|------|-------------|-------|----------------------|
| Quotation No.:                      | Chemtest Sample ID.: |      | 1441243     |       |                      |
|                                     | Sample Location:     |      | TP04/D4     |       |                      |
|                                     | Sample Type:         |      | SOIL        |       |                      |
|                                     | Top Depth (m):       |      | 1.30        |       |                      |
|                                     | Bottom Depth (m):    |      | 2.10        |       |                      |
|                                     | Date Sampled:        |      | 31-May-2022 |       |                      |
|                                     | Asbestos Lab:        |      | DURHAM      |       |                      |
| Determinand                         | Accred.              | SOP  | Units       | LOD   |                      |
| ACM Type                            | U                    | 2192 |             | N/A   | -                    |
| Asbestos Identification             | U                    | 2192 |             | N/A   | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %           | 0.020 | 21                   |
| Soil Colour                         | N                    | 2040 |             | N/A   | White                |
| Other Material                      | N                    | 2040 |             | N/A   | Stones               |
| Soil Texture                        | N                    | 2040 |             | N/A   | Clay                 |
| pH                                  | M                    | 2010 |             | 4.0   | 9.6                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg       | 0.40  | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l         | 0.010 | 0.024                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg       | 0.50  | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg       | 0.50  | 21                   |
| Arsenic                             | M                    | 2455 | mg/kg       | 0.5   | 0.6                  |
| Cadmium                             | M                    | 2455 | mg/kg       | 0.10  | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg       | 0.5   | 1.5                  |
| Copper                              | M                    | 2455 | mg/kg       | 0.50  | 4.0                  |
| Mercury                             | M                    | 2455 | mg/kg       | 0.05  | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg       | 0.50  | 1.6                  |
| Lead                                | M                    | 2455 | mg/kg       | 0.50  | 6.2                  |
| Selenium                            | M                    | 2455 | mg/kg       | 0.25  | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg       | 0.5   | 1.5                  |
| Zinc                                | M                    | 2455 | mg/kg       | 0.50  | 29                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg       | 0.50  | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %           | 0.20  | 4.2                  |
| Diesel Present                      | N                    | 2670 |             | N/A   |                      |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg       | 1.0   | 220                  |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg       | 5.0   | 220                  |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-20694    |      |        |
|------------------------------|----------------------|------|-------------|------|--------|
| Quotation No.:               | Chemtest Sample ID.: |      | 1441243     |      |        |
|                              | Sample Location:     |      | TP04/D4     |      |        |
|                              | Sample Type:         |      | SOIL        |      |        |
|                              | Top Depth (m):       |      | 1.30        |      |        |
|                              | Bottom Depth (m):    |      | 2.10        |      |        |
|                              | Date Sampled:        |      | 31-May-2022 |      |        |
|                              | Asbestos Lab:        |      | DURHAM      |      |        |
| Determinand                  | Accred.              | SOP  | Units       | LOD  |        |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg       | 1.0  | 420    |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg       | 5.0  | 420    |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg       | 10.0 | 640    |
| Naphthalene                  | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Acenaphthylene               | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Acenaphthene                 | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Fluorene                     | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Phenanthrene                 | M                    | 2700 | mg/kg       | 0.10 | 0.53   |
| Anthracene                   | M                    | 2700 | mg/kg       | 0.10 | 0.19   |
| Fluoranthene                 | M                    | 2700 | mg/kg       | 0.10 | 1.2    |
| Pyrene                       | M                    | 2700 | mg/kg       | 0.10 | 1.3    |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg       | 0.10 | 0.73   |
| Chrysene                     | M                    | 2700 | mg/kg       | 0.10 | 0.81   |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg       | 0.10 | 0.74   |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg       | 0.10 | 0.43   |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg       | 0.10 | 0.61   |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg       | 2.0  | 6.5    |
| Total Phenols                | M                    | 2920 | mg/kg       | 0.10 | < 0.10 |

## Results - Single Stage WAC

**Project: 223159 Saunderton**

|                                    |            |                |                         |                          |                                                                                   |                                                                       |                                 |
|------------------------------------|------------|----------------|-------------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|
| <b>Chemtest Job No:</b> 22-20694   |            |                |                         |                          | <b>Landfill Waste Acceptance Criteria</b>                                         |                                                                       |                                 |
| <b>Chemtest Sample ID:</b> 1441237 |            |                |                         |                          | <b>Limits</b>                                                                     |                                                                       |                                 |
| <b>Sample Ref:</b>                 |            |                |                         |                          | <b>Inert Waste Landfill</b>                                                       | <b>Stable, Non-reactive hazardous waste in non-hazardous Landfill</b> | <b>Hazardous Waste Landfill</b> |
| <b>Sample ID:</b>                  |            |                |                         |                          |                                                                                   |                                                                       |                                 |
| <b>Sample Location:</b> TP01/E5    |            |                |                         |                          |                                                                                   |                                                                       |                                 |
| <b>Top Depth(m):</b> 1.10          |            |                |                         |                          |                                                                                   |                                                                       |                                 |
| <b>Bottom Depth(m):</b> 2.80       |            |                |                         |                          |                                                                                   |                                                                       |                                 |
| <b>Sampling Date:</b> 31-May-2022  |            |                |                         |                          |                                                                                   |                                                                       |                                 |
| <b>Determinand</b>                 | <b>SOP</b> | <b>Accred.</b> | <b>Units</b>            |                          |                                                                                   |                                                                       |                                 |
| Total Organic Carbon               | 2625       | M              | %                       | 13                       | 3                                                                                 | 5                                                                     | 6                               |
| Loss On Ignition                   | 2610       | M              | %                       | 23                       | --                                                                                | --                                                                    | 10                              |
| Total BTEX                         | 2760       | M              | mg/kg                   | 0.24                     | 6                                                                                 | --                                                                    | --                              |
| Total PCBs (7 Congeners)           | 2815       | M              | mg/kg                   | < 0.10                   | 1                                                                                 | --                                                                    | --                              |
| TPH Total WAC                      | 2670       | M              | mg/kg                   | 87000                    | 500                                                                               | --                                                                    | --                              |
| Total (Of 17) PAH's                | 2700       | N              | mg/kg                   | < 2.0                    | 100                                                                               | --                                                                    | --                              |
| pH                                 | 2010       | M              |                         | 9.2                      | --                                                                                | >6                                                                    | --                              |
| Acid Neutralisation Capacity       | 2015       | N              | mol/kg                  | 0.015                    | --                                                                                | To evaluate                                                           | To evaluate                     |
| <b>Eluate Analysis</b>             |            |                | <b>10:1 Eluate mg/l</b> | <b>10:1 Eluate mg/kg</b> | <b>Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg</b> |                                                                       |                                 |
| Arsenic                            | 1455       | U              | 0.0013                  | 0.013                    | 0.5                                                                               | 2                                                                     | 25                              |
| Barium                             | 1455       | U              | < 0.005                 | < 0.0005                 | 20                                                                                | 100                                                                   | 300                             |
| Cadmium                            | 1455       | U              | 0.00013                 | 0.0013                   | 0.04                                                                              | 1                                                                     | 5                               |
| Chromium                           | 1455       | U              | 0.0048                  | 0.048                    | 0.5                                                                               | 10                                                                    | 70                              |
| Copper                             | 1455       | U              | 0.0013                  | 0.013                    | 2                                                                                 | 50                                                                    | 100                             |
| Mercury                            | 1455       | U              | < 0.00005               | < 0.00005                | 0.01                                                                              | 0.2                                                                   | 2                               |
| Molybdenum                         | 1455       | U              | 0.0013                  | 0.013                    | 0.5                                                                               | 10                                                                    | 30                              |
| Nickel                             | 1455       | U              | 0.0027                  | 0.027                    | 0.4                                                                               | 10                                                                    | 40                              |
| Lead                               | 1455       | U              | < 0.0005                | < 0.0005                 | 0.5                                                                               | 10                                                                    | 50                              |
| Antimony                           | 1455       | U              | 0.0008                  | 0.0084                   | 0.06                                                                              | 0.7                                                                   | 5                               |
| Selenium                           | 1455       | U              | < 0.0005                | < 0.0005                 | 0.1                                                                               | 0.5                                                                   | 7                               |
| Zinc                               | 1455       | U              | < 0.003                 | < 0.003                  | 4                                                                                 | 50                                                                    | 200                             |
| Chloride                           | 1220       | U              | < 1.0                   | < 10                     | 800                                                                               | 15000                                                                 | 25000                           |
| Fluoride                           | 1220       | U              | 0.15                    | 1.5                      | 10                                                                                | 150                                                                   | 500                             |
| Sulphate                           | 1220       | U              | < 1.0                   | < 10                     | 1000                                                                              | 20000                                                                 | 50000                           |
| Total Dissolved Solids             | 1020       | N              | 35                      | 340                      | 4000                                                                              | 60000                                                                 | 100000                          |
| Phenol Index                       | 1920       | U              | < 0.030                 | < 0.30                   | 1                                                                                 | -                                                                     | -                               |
| Dissolved Organic Carbon           | 1610       | U              | < 2.5                   | < 50                     | 500                                                                               | 800                                                                   | 1000                            |

### **Solid Information**

|                             |       |
|-----------------------------|-------|
| Dry mass of test portion/kg | 0.090 |
| Moisture (%)                | 23    |

### **Waste Acceptance Criteria**

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.



### TPH Interpretation

| Job      | Sample  | Matrix | Location | Sample Ref | Sample ID | Sample Depth (m) | Gasoline / Diesel Present | TPH Interpretation |
|----------|---------|--------|----------|------------|-----------|------------------|---------------------------|--------------------|
| 22-20694 | 1441229 | S      | TP02/D3  |            |           | 0.25             | Yes                       | Diesel             |
| 22-20694 | 1441235 | S      | TP02/D5  |            |           | 0.45             | No                        | Lube Oil           |
| 22-20694 | 1441236 | S      | TP01/E5  |            |           | 0.25             | No                        | Heavy Oil          |
| 22-20694 | 1441237 | S      | TP01/E5  |            |           | 1.10             | No                        | Heavy Oil          |
| 22-20694 | 1441238 | S      | TP01/E5  |            |           | 3.30             | No                        | Heavy Oil          |
| 22-20694 | 1441242 | S      | TP04/D4  |            |           | 0.20             | No                        | PAH                |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                           | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1020 | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters  | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters                                                                                                                                                                                            | Conductivity Meter                                                                                                                                                                     |
| 1220 | Anions, Alkalinity & Ammonium in Waters                             | Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium                                                                                                                                              | Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.                                                                                                                 |
| 1455 | Metals in Waters by ICP-MS                                          | Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc                                                                                | Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).                                                                       |
| 1610 | Total/Dissolved Organic Carbon in Waters                            | Organic Carbon                                                                                                                                                                                                                                                | TOC Analyser using Catalytic Oxidation                                                                                                                                                 |
| 1920 | Phenols in Waters by HPLC                                           | Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.                                                                                                                                                   | Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.                                                                                        |
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                            | pH Meter                                                                                                                                                                               |
| 2015 | Acid Neutralisation Capacity                                        | Acid Reserve                                                                                                                                                                                                                                                  | Titration                                                                                                                                                                              |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                              | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                              | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                          | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2185 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                      | Polarised light microscopy                                                                                                                                                             |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                      | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                               | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                      | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                 | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2610 | Loss on Ignition                                                    | loss on ignition (LOI)                                                                                                                                                                                                                                        | Determination of the proportion by mass that is lost from a soil by ignition at 550°C.                                                                                                 |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                    | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2670 | Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID               | TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40                                                                                                                                                                                | Dichloromethane extraction / GC-FID                                                                                                                                                    |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                 | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |

## Test Methods

| SOP  | Title                                                            | Parameters included                                                                                                                               | Method summary                                                                                                                                             |
|------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2760 | Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS    | Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule              | Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds. |
| 2815 | Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS | ICES7 PCB congeners                                                                                                                               | Acetone/Hexane extraction / GC-MS                                                                                                                          |
| 2920 | Phenols in Soils by HPLC                                         | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded. | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                   |
| 640  | Characterisation of Waste (Leaching C10)                         | Waste material including soil, sludges and granular waste                                                                                         | ComplianceTest for Leaching of Granular Waste Material and Sludge                                                                                          |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

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**Report No.:** 22-21600-1  
**Initial Date of Issue:** 15-Jun-2022  
**Client** AA Environmental Ltd  
**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX  
**Contact(s):** Reporting  
**Project** 223159 Saunderton - 223159  
**Quotation No.:**  
**Order No.:**  
**No. of Samples:** 19  
**Turnaround (Wkdays):** 4  
**Date Approved:** 15-Jun-2022

**Date Received:** 10-Jun-2022

**Date Instructed:** 10-Jun-2022

**Results Due:** 15-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |             |                      |                      |                      |                      |               |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-21600     | 22-21600    | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600      | 22-21600             | 22-21600             | 22-21600             | 22-21600             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1445484      | 1445485     | 1445486              | 1445487              | 1445488              | 1445489              | 1445490       | 1445491              | 1445492              | 1445492              | 1445492              |
|                                     | Sample Location:            |            | E6/TP02      | E6/TP02     | E6/TP01              | E6/TP01              | E5/TP02              | E5/TP02              | D5/TP03       | D5/TP03              | D6/TP02              | D6/TP02              | D6/TP02              |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL          | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            | 0.00         | 0.90        | 0.00                 | 0.20                 | 0.00                 | 0.80                 | 0.00          | 0.10                 | 0.00                 | 0.00                 | 0.00                 |
|                                     | Bottom Depth (m):           |            | 0.90         | 1.35        | 0.20                 | 1.20                 | 0.80                 | 1.50                 | 0.10          | 1.00                 | 0.10                 | 0.10                 | 0.10                 |
|                                     | Date Sampled:               |            | 08-Jun-2022  | 08-Jun-2022 | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022   | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM        | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |               |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | Fibres/Clumps | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | Amosite       | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      | 0.011         |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001       |                      |                      |                      |                      | 0.011         |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020       | 12                   | 20                   | 11                   | 20                   | 9.6           | 18                   | 9.5                  | 19                   | 5.8                  |
| Soil Colour                         | N                           | 2040       |              | N/A         | Brown                | White                | Brown                | White                | Brown         | White                | Brown                | White                | Brown                |
| Other Material                      | N                           | 2040       |              | N/A         | Stones               | Stones               | Stones               | Stones               | Stones        | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A         | Sand                 | Sand                 | Sand                 | Sand                 | Sand          | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0         | 11.2                 | 10.2                 | 11.1                 | 9.5                  | 10.6          | 9.7                  | 11.1                 | 9.6                  | 11.3                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40        | 0.49                 | < 0.40               | 0.63                 | < 0.40               | 1.0           | < 0.40               | 0.70                 | < 0.40               | 0.76                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010       | 0.23                 | 0.11                 | 0.34                 | 0.020                | 0.27          | 0.014                | 0.54                 | 0.019                | 0.63                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50        | 2.0                  | 2.0                  | 2.1                  | 2.1                  | 2.1           | 2.3                  | 2.4                  | 2.4                  | 2.4                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5         | 2.2                  | 1.5                  | 2.3                  | < 0.5                | 2.7           | < 0.5                | 1.7                  | < 0.5                | 7.1                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5         | 5.7                  | 1.1                  | 3.8                  | < 0.5                | 4.8           | < 0.5                | 2.8                  | < 0.5                | 8.4                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50        | 1.9                  | 0.68                 | 1.8                  | < 0.50               | 2.9           | 0.57                 | 1.9                  | < 0.50               | 4.7                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50        | 2.8                  | 0.86                 | 2.0                  | < 0.50               | 3.4           | 0.71                 | 1.9                  | < 0.50               | 6.1                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50        | 2.0                  | 1.2                  | 9.8                  | < 0.50               | 10            | < 0.50               | 1.4                  | < 0.50               | 2.1                  |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25        | 0.25                 | < 0.25               | < 0.25               | < 0.25               | < 0.25        | < 0.25               | < 0.25               | < 0.25               | 0.32                 |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5         | 7.5                  | 1.3                  | 5.0                  | < 0.5                | 6.4           | < 0.5                | 3.9                  | < 0.5                | 12                   |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50        | 8.8                  | 3.6                  | 9.8                  | 1.7                  | 13            | 2.6                  | 5.0                  | 2.9                  | 15                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20        | 0.20                 | 1.4                  | 0.23                 | 1.3                  | < 0.20        | 0.76                 | 1.3                  | 2.1                  | 2.0                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0         | 9.7                  | < 1.0                | 7.6                  | < 1.0                | 7.5           | 9.1                  | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0         | 10                   | < 1.0                | 9.9                  | < 1.0                | 14            | 8.8                  | < 1.0                | < 1.0                | 6.2                  |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0         | 260                  | < 1.0                | 400                  | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | 1000                 |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0         | 280                  | < 5.0                | 420                  | < 5.0                | 21            | 18                   | < 5.0                | < 5.0                | 1000                 |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                |            |              |            |                             |             |             |             |             |             |             |             |             |
|-------------------------------------|----------------|------------|--------------|------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> |                |            |              |            | <b>Chemtest Job No.:</b>    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    |
| <b>Quotation No.:</b>               |                |            |              |            | <b>Chemtest Sample ID.:</b> | 1445484     | 1445485     | 1445486     | 1445487     | 1445488     | 1445489     | 1445490     | 1445491     |
|                                     |                |            |              |            | Sample Location:            | E6/TP02     | E6/TP02     | E6/TP01     | E6/TP01     | E5/TP02     | E5/TP02     | D5/TP03     | D5/TP03     |
|                                     |                |            |              |            | Sample Type:                | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     |                |            |              |            | Top Depth (m):              | 0.00        | 0.90        | 0.00        | 0.20        | 0.00        | 0.80        | 0.00        | 0.10        |
|                                     |                |            |              |            | Bottom Depth (m):           | 0.90        | 1.35        | 0.20        | 1.20        | 0.80        | 1.50        | 0.10        | 1.00        |
|                                     |                |            |              |            | Date Sampled:               | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 |
|                                     |                |            |              |            | Asbestos Lab:               | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>                  | <b>Accred.</b> | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                             |             |             |             |             |             |             |             |             |
| Aromatic TPH >C10-C12               | M              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C12-C16               | M              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | 9.1         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21               | U              | 2680       | mg/kg        | 1.0        | 17                          | < 1.0       | < 1.0       | < 1.0       | 7.5         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M              | 2680       | mg/kg        | 1.0        | 40                          | < 1.0       | < 1.0       | < 1.0       | < 1.0       | 23          | < 1.0       | < 1.0       | 360         |
| Aromatic TPH >C35-C44               | N              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N              | 2680       | mg/kg        | 5.0        | 57                          | < 5.0       | < 5.0       | < 5.0       | 17          | 23          | < 5.0       | < 5.0       | 360         |
| Total Petroleum Hydrocarbons        | N              | 2680       | mg/kg        | 10.0       | 340                         | < 10        | 420         | < 10        | 38          | 41          | < 10        | < 10        | 1400        |
| Naphthalene                         | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Pyrene                              | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]anthracene                  | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                            | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M              | 2700       | mg/kg        | 2.0        | < 2.0                       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       |
| Total Phenols                       | M              | 2920       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |

## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1445493              | 1445494              | 1445495              | 1445496              | 1445497              | 1445498              | 1445499              | 1445500              | 1445501              |
|                                     | Sample Location:            |            |              |            | D6/TP02              | D6/TP03              | D6/TP03              | D6/TP05              | D6/TP05              | D5/TP05              | D5/TP05              | E4/TP03              | E4/TP03              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.10                 | 0.00                 | 0.10                 | 0.08                 | 0.40                 | 0.40                 | 0.70                 | 0.00                 | 0.50                 |
|                                     | Bottom Depth (m):           |            |              |            | 1.00                 | 0.10                 | 1.00                 | 0.40                 | 1.20                 | 0.70                 | 1.60                 | 0.50                 | 1.45                 |
|                                     | Date Sampled:               |            |              |            | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 21                   | 12                   | 20                   | 6.5                  | 18                   | 5.5                  | 19                   | 17                   | 20                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Brown                | White                | Brown                | White                | Brown                | White                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.8                  | 10.5                 | 9.4                  | 10.0                 | 9.2                  | 10.4                 | 9.5                  | 8.4                  | 8.5                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | 0.84                 | < 0.40               | < 0.40               | < 0.40               | 1.4                  | < 0.40               | < 0.40               | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.049                | 0.62                 | 0.014                | 0.058                | 0.026                | 0.70                 | 0.057                | 0.081                | 0.19                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 2.4                  | 2.4                  | 2.4                  | 2.4                  | 41                   | 41                   | 41                   | 42                   | 41                   |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 5.4                  | < 0.5                | 4.0                  | < 0.5                | 2.8                  | < 0.5                | 2.1                  | < 0.5                |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | 0.14                 | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 0.14                 | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 8.6                  | < 0.5                | 3.6                  | < 0.5                | 3.0                  | 0.6                  | 5.1                  | 0.8                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 16                   | < 0.50               | 3.7                  | 0.89                 | 3.7                  | 0.52                 | 3.3                  | 0.91                 |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 7.5                  | < 0.50               | 4.4                  | < 0.50               | 3.0                  | 0.58                 | 4.2                  | 1.2                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 19                   | < 0.50               | 3.8                  | 1.4                  | 2.4                  | < 0.50               | 8.8                  | 0.92                 |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | 0.25                 | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | 0.25                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.5                  | 11                   | < 0.5                | 8.8                  | 0.5                  | 6.1                  | 0.7                  | 7.2                  | 1.1                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 2.2                  | 48                   | 1.8                  | 14                   | 2.9                  | 9.6                  | 2.8                  | 17                   | 4.0                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 0.64                 | 2.3                  | 0.42                 | 0.31                 | 2.0                  | 1.2                  | 1.3                  | 1.0                  | 0.38                 |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 7.0                  | < 1.0                | 7.3                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12                   | < 1.0                | 8.7                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 2100                 | < 1.0                | 890                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | 10                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | 2200                 | < 5.0                | 910                  | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |             |             |             |             |             |             |             |             |          |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-21600     | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600 | 22-21600 |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1445493      | 1445494     | 1445495     | 1445496     | 1445497     | 1445498     | 1445499     | 1445500     | 1445501     |          |          |
|                                     | Sample Location:            |            | D6/TP02      | D6/TP03     | D6/TP03     | D6/TP05     | D6/TP05     | D5/TP05     | D5/TP05     | E4/TP03     | E4/TP03     |          |          |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |          |
|                                     | Top Depth (m):              |            | 0.10         | 0.00        | 0.10        | 0.08        | 0.40        | 0.40        | 0.70        | 0.00        | 0.50        |          |          |
|                                     | Bottom Depth (m):           |            | 1.00         | 0.10        | 1.00        | 0.40        | 1.20        | 0.70        | 1.60        | 0.50        | 1.45        |          |          |
|                                     | Date Sampled:               |            | 08-Jun-2022  | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 |          |          |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |          |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |             |          |          |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | 9.3         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | 1800        | < 1.0       | 160         | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | 39          | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | 1900        | < 5.0       | 160         | < 5.0       | < 5.0       | < 5.0       | < 5.0    | < 5.0    |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | 4100        | < 10        | 1100        | < 10        | < 10        | < 10        | < 10     | < 10     |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.1         | < 0.10      | < 0.10      | < 0.10      | 0.47        | < 0.10      | < 0.10   | < 0.10   |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.3         | < 0.10      | < 0.10      | < 0.10      | 0.65        | < 0.10      | < 0.10   | < 0.10   |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | 2.4         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0    | < 2.0    |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |

## Results - Soil

### Project: 223159 Saunderton - 223159

| Client: AA Environmental Ltd        | Chemtest Job No.:    |      | 22-21600     |       |                      |
|-------------------------------------|----------------------|------|--------------|-------|----------------------|
| Quotation No.:                      | Chemtest Sample ID.: |      | 1445502      |       |                      |
|                                     | Sample Location:     |      | E4/TP03 (SP) |       |                      |
|                                     | Sample Type:         |      | SOIL         |       |                      |
|                                     | Top Depth (m):       |      |              |       |                      |
|                                     | Bottom Depth (m):    |      |              |       |                      |
|                                     | Date Sampled:        |      | 08-Jun-2022  |       |                      |
|                                     | Asbestos Lab:        |      | DURHAM       |       |                      |
| Determinand                         | Accred.              | SOP  | Units        | LOD   |                      |
| ACM Type                            | U                    | 2192 |              | N/A   | -                    |
| Asbestos Identification             | U                    | 2192 |              | N/A   | No Asbestos Detected |
| Asbestos by Gravimetry              | U                    | 2192 | %            | 0.001 |                      |
| Total Asbestos                      | U                    | 2192 | %            | 0.001 |                      |
| Moisture                            | N                    | 2030 | %            | 0.020 | 8.7                  |
| Soil Colour                         | N                    | 2040 |              | N/A   | Brown                |
| Other Material                      | N                    | 2040 |              | N/A   | Stones               |
| Soil Texture                        | N                    | 2040 |              | N/A   | Sand                 |
| pH                                  | M                    | 2010 |              | 4.0   | 9.1                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg        | 0.40  | 0.66                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l          | 0.010 | 0.098                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg        | 0.50  | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg        | 0.50  | 42                   |
| Arsenic                             | M                    | 2455 | mg/kg        | 0.5   | 7.3                  |
| Cadmium                             | M                    | 2455 | mg/kg        | 0.10  | 0.12                 |
| Chromium                            | M                    | 2455 | mg/kg        | 0.5   | 11                   |
| Copper                              | M                    | 2455 | mg/kg        | 0.50  | 9.8                  |
| Mercury                             | M                    | 2455 | mg/kg        | 0.05  | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg        | 0.50  | 8.5                  |
| Lead                                | M                    | 2455 | mg/kg        | 0.50  | 6.6                  |
| Selenium                            | M                    | 2455 | mg/kg        | 0.25  | 0.43                 |
| Vanadium                            | U                    | 2455 | mg/kg        | 0.5   | 17                   |
| Zinc                                | M                    | 2455 | mg/kg        | 0.50  | 26                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg        | 0.50  | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %            | 0.20  | < 0.20               |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg        | 5.0   | < 5.0                |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |



## Results - Soil

### Project: 223159 Saunderton - 223159

| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-21600     |      |        |
|------------------------------|----------------------|------|--------------|------|--------|
| Quotation No.:               | Chemtest Sample ID.: |      | 1445502      |      |        |
|                              | Sample Location:     |      | E4/TP03 (SP) |      |        |
|                              | Sample Type:         |      | SOIL         |      |        |
|                              | Top Depth (m):       |      |              |      |        |
|                              | Bottom Depth (m):    |      |              |      |        |
|                              | Date Sampled:        |      | 08-Jun-2022  |      |        |
|                              | Asbestos Lab:        |      | DURHAM       |      |        |
| Determinand                  | Accred.              | SOP  | Units        | LOD  |        |
| Aromatic TPH >C10-C12        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg        | 5.0  | < 5.0  |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg        | 10.0 | < 10   |
| Naphthalene                  | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthylene               | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluorene                     | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Phenanthrene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Anthracene                   | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluoranthene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Pyrene                       | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Chrysene                     | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg        | 2.0  | < 2.0  |
| Total Phenols                | M                    | 2920 | mg/kg        | 0.10 | < 0.10 |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

## Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21791-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 15-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 16-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | 223159 Saunderton                                                                |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 9                                                                                |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 15-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |



**Details:** Stuart Henderson, Technical  
Manager

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# Bulk Identification Certificate

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 08-Jun-2022  
**Date Received:** 13-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-21791  
**No Samples:**  
**Date Reported:** 15-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description  | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material        | Result     |
|------------|-----------|-------------|--------------|---------|------------|------|---------|------------|-----------------|------------|
| 1446547    | AS7       |             | E5/TP02      |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446548    | AS8       |             | D6/TP02      |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446549    | AS9       |             | D6/TP03      |         |            | 2185 | U       | DURHAM     | bitumen product | Chrysotile |
| 1446550    | AS10      |             | D6/TP03      |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446551    | AS11      |             | E4/TP03 (SP) |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)



# **Bulk Identification Certificate**

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 09-Jun-2022  
**Date Received:** 13-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-21791  
**No Samples:**  
**Date Reported:** 15-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description  | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material        | Result     |
|------------|-----------|-------------|--------------|---------|------------|------|---------|------------|-----------------|------------|
| 1446552    | AS12      |             | E4/TP01 (SP) |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446553    | AS13      |             | E4/TP02 (SP) |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446554    | AS14      |             | D4/TP02      |         |            | 2185 | U       | DURHAM     | Cement          | Chrysotile |
| 1446555    | AS15      |             | D4/TP02      |         |            | 2185 | U       | DURHAM     | bitumen product | Chrysotile |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

## **Test Methods**

| <b>SOP</b> | <b>Title</b> | <b>Parameters included</b> | <b>Method summary</b>                   |
|------------|--------------|----------------------------|-----------------------------------------|
| 2185       | Asbestos     | Asbestos                   | Polarised light microscopy              |
| 2192       | Asbestos     | Asbestos                   | Polarised light microscopy / Gravimetry |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

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[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21794-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 9                                                                                |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

**Project: Saunderton - 223159**

|                                     |                      |      |       |       |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-21794             | 22-21794             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1446564              | 1446565              |
|                                     | Sample Location:     |      |       |       | D4/TP02              | D4/TP02              |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.00                 | 0.50                 |
|                                     | Bottom Depth (m):    |      |       |       | 0.50                 | 1.35                 |
|                                     | Date Sampled:        |      |       |       | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | DURHAM               | DURHAM               |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 14                   | 21                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | Brown                | White                |
| Other Material                      | N                    | 2040 |       | N/A   | Stones and chalk     | None                 |
| Soil Texture                        | N                    | 2040 |       | N/A   | Sand                 | Chalk                |
| pH                                  | M                    | 2010 |       | 4.0   | 10.2                 | 9.3                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | 0.96                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.32                 | 0.020                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 3.1                  | 1.4                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | 5.3                  | < 0.5                |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | 0.19                 | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 9.3                  | 0.8                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 10                   | 1.0                  |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 9.6                  | 1.2                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 11                   | 0.84                 |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | 0.54                 | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 15                   | 1.2                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 35                   | 4.8                  |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 1.2                  | 1.6                  |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |



## Results - Soil

**Project: Saunderton - 223159**

|                              |                      |      |       |      |             |             |
|------------------------------|----------------------|------|-------|------|-------------|-------------|
| Client: AA Environmental Ltd | Chemtest Job No.:    |      |       |      | 22-21794    | 22-21794    |
| Quotation No.:               | Chemtest Sample ID.: |      |       |      | 1446564     | 1446565     |
|                              | Sample Location:     |      |       |      | D4/TP02     | D4/TP02     |
|                              | Sample Type:         |      |       |      | SOIL        | SOIL        |
|                              | Top Depth (m):       |      |       |      | 0.00        | 0.50        |
|                              | Bottom Depth (m):    |      |       |      | 0.50        | 1.35        |
|                              | Date Sampled:        |      |       |      | 09-Jun-2022 | 09-Jun-2022 |
|                              | Asbestos Lab:        |      |       |      | DURHAM      | DURHAM      |
| Determinand                  | Accred.              | SOP  | Units | LOD  |             |             |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg | 5.0  | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg | 10.0 | < 10        | < 10        |
| Naphthalene                  | M                    | 2700 | mg/kg | 0.10 | 1.1         | < 0.10      |
| Acenaphthylene               | M                    | 2700 | mg/kg | 0.10 | 0.28        | < 0.10      |
| Acenaphthene                 | M                    | 2700 | mg/kg | 0.10 | 0.71        | < 0.10      |
| Fluorene                     | M                    | 2700 | mg/kg | 0.10 | 1.1         | < 0.10      |
| Phenanthrene                 | M                    | 2700 | mg/kg | 0.10 | 5.8         | < 0.10      |
| Anthracene                   | M                    | 2700 | mg/kg | 0.10 | 2.0         | < 0.10      |
| Fluoranthene                 | M                    | 2700 | mg/kg | 0.10 | 5.5         | < 0.10      |
| Pyrene                       | M                    | 2700 | mg/kg | 0.10 | 5.7         | < 0.10      |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg | 0.10 | 2.6         | < 0.10      |
| Chrysene                     | M                    | 2700 | mg/kg | 0.10 | 3.0         | < 0.10      |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | 2.4         | < 0.10      |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | 1.2         | < 0.10      |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg | 0.10 | 2.2         | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg | 0.10 | 0.43        | < 0.10      |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg | 0.10 | 1.0         | < 0.10      |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg | 2.0  | 35          | < 2.0       |
| Total Phenols                | M                    | 2920 | mg/kg | 0.10 | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21797-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 11                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

### Project: Saunderton - 223159

|                                     |                      |      |       |       |                      |                      |                      |                      |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-21797             | 22-21797             | 22-21797             | 22-21797             | 22-21797             | 22-21797             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1446591              | 1446592              | 1446593              | 1446594              | 1446595              | 1446596              |
|                                     | Sample Location:     |      |       |       | D3/TP05              | D3/TP05              | C2/TP02              | C2/TP02              | E4/TP01 (SP)         | E4/TP02 (SP)         |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.60                 | 0.85                 | 0.00                 | 0.80                 |                      |                      |
|                                     | Bottom Depth (m):    |      |       |       | 0.85                 | 1.65                 | 0.70                 | 1.45                 |                      |                      |
|                                     | Date Sampled:        |      |       |       | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 9.0                  | 20                   | 18                   | 22                   | 19                   | 13                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | Brown                | White                | Brown                | White                | White                | Brown                |
| Other Material                      | N                    | 2040 |       | N/A   | Stones and chalk     | None                 | Stones and chalk     | None                 | None                 | Stones and chalk     |
| Soil Texture                        | N                    | 2040 |       | N/A   | Sand                 | Chalk                | Sand                 | Chalk                | Chalk                | Sand                 |
| pH                                  | M                    | 2010 |       | 4.0   | 10.5                 | 8.9                  | 11.2                 | 9.3                  | 9.1                  | 8.8                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | 0.79                 | < 0.40               | 0.96                 | < 0.40               | 0.58                 | 0.95                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.045                | 0.052                | 0.054                | 0.048                | 0.037                | 0.10                 |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 2.8                  | 1.6                  | 2.8                  | 1.7                  | 1.7                  | 1.1                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | 5.2                  | < 0.5                | 6.1                  | 1.0                  | 2.9                  | 3.1                  |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 0.16                 |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 18                   | 1.2                  | 27                   | 3.1                  | 16                   | 6.1                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 7.3                  | 1.3                  | 9.1                  | 2.5                  | 4.1                  | 27                   |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 11                   | 1.4                  | 16                   | 2.9                  | 9.6                  | 6.8                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 9.8                  | 1.1                  | 8.5                  | 2.3                  | 4.3                  | 18                   |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 22                   | 1.6                  | 28                   | 3.7                  | 17                   | 9.7                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 25                   | 5.2                  | 22                   | 8.4                  | 16                   | 53                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 0.73                 | 4.1                  | 1.4                  | 0.38                 | 0.72                 | 0.68                 |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 350                  | 370                  | 340                  | 330                  |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 35                   | 39                   | 37                   | 36                   |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 59                   | 51                   | 68                   | 63                   |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 20                   | 9.4                  | 25                   | 13                   |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | 53                   | 69                   | 33                   |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | < 5.0                | < 5.0                | 460                  | 520                  | 540                  | 470                  |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |



## Results - Soil

**Project: Saunderton - 223159**

|                                     |                             |            |              |             |             |             |              |              |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|--------------|--------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-21797     | 22-21797    | 22-21797    | 22-21797    | 22-21797     | 22-21797     |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1446591      | 1446592     | 1446593     | 1446594     | 1446595      | 1446596      |
|                                     | Sample Location:            |            | D3/TP05      | D3/TP05     | C2/TP02     | C2/TP02     | E4/TP01 (SP) | E4/TP02 (SP) |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL         | SOIL         |
|                                     | Top Depth (m):              |            | 0.60         | 0.85        | 0.00        | 0.80        |              |              |
|                                     | Bottom Depth (m):           |            | 0.85         | 1.65        | 0.70        | 1.45        |              |              |
|                                     | Date Sampled:               |            | 09-Jun-2022  | 09-Jun-2022 | 09-Jun-2022 | 09-Jun-2022 | 09-Jun-2022  | 09-Jun-2022  |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM       | DURHAM       |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |              |              |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | 36           | 69           |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | 36           | 69           |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | 460          | 540          |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.46         |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.12         |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.50         |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.55         |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | 0.89        | < 0.10      | 0.66         | 5.7          |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | 0.10        | < 0.10      | 0.11         | 1.5          |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | 1.2         | < 0.10      | 1.5          | 8.8          |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | 1.4         | < 0.10      | 1.8          | 8.6          |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | 0.55        | < 0.10      | 0.64         | 3.8          |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | 0.16        | < 0.10      | 1.3          | 4.0          |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | 0.65        | < 0.10      | 0.81         | 4.1          |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | 0.32        | < 0.10      | 0.45         | 1.8          |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | 0.52        | < 0.10      | 0.68         | 3.4          |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 1.8          |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.50         |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 1.8          |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | 5.8         | < 2.0       | 8.0          | 47           |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | < 0.10       |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

---

### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

# Final Report

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**Report No.:** 22-22356-1  
**Initial Date of Issue:** 17-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 16-Jun-2022

**Order No.:** **Date Instructed:** 16-Jun-2022

**No. of Samples:** 5

**Turnaround (Wkdays):** 4 **Results Due:** 21-Jun-2022

**Date Approved:** 17-Jun-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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# Bulk Identification Certificate

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 14-Jun-2022  
**Date Received:** 16-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-22356  
**No Samples:**  
**Date Reported:** 17-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material | Result             |
|------------|-----------|-------------|-------------|---------|------------|------|---------|------------|----------|--------------------|
| 1449093    |           | AS16        |             |         |            | 2185 | U       | NEW-ASB    | Cement   | Chrysotile         |
| 1449094    |           | AS17        |             |         |            | 2185 | U       | NEW-ASB    | Cement   | Chrysotile         |
| 1449095    |           | AS18        |             |         |            | 2185 | U       | NEW-ASB    | Cement   | Chrysotile         |
| 1449096    |           | AS19        |             |         |            | 2185 | U       | NEW-ASB    | Tile     | Chrysotile         |
| 1449097    |           | AS20        |             |         |            | 2185 | U       | NEW-ASB    | Board    | Amosite Chrysotile |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)



## **Test Methods**

| <b>SOP</b> | <b>Title</b> | <b>Parameters included</b> | <b>Method summary</b>                   |
|------------|--------------|----------------------------|-----------------------------------------|
| 2185       | Asbestos     | Asbestos                   | Polarised light microscopy              |
| 2192       | Asbestos     | Asbestos                   | Polarised light microscopy / Gravimetry |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

---

### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

---

**Report No.:** 22-22370-1  
**Initial Date of Issue:** 21-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 16-Jun-2022

**Order No.:** **Date Instructed:** 16-Jun-2022

**No. of Samples:** 6

**Turnaround (Wkdays):** 4 **Results Due:** 21-Jun-2022

**Date Approved:** 21-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |             |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22370     | 22-22370    | 22-22370             | 22-22370             | 22-22370             | 22-22370             | 22-22370             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1449180      | 1449181     | 1449182              | 1449183              | 1449184              | 1449185              | 1449185              |
|                                     | Sample Location:            |            | C2/TP03      | C2/TP03     | C3/TP02              | C3/TP02              | D3/TP01              | D3/TP01              |                      |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 |                      |
|                                     | Top Depth (m):              |            | 0.00         | 1.20        | 0.00                 | 0.70                 | 0.00                 | 1.00                 |                      |
|                                     | Bottom Depth (m):           |            | 1.00         | 1.90        | 0.30                 | 1.10                 | 0.90                 | 1.50                 |                      |
|                                     | Date Sampled:               |            | 14-Jun-2022  | 14-Jun-2022 | 14-Jun-2022          | 14-Jun-2022          | 14-Jun-2022          | 14-Jun-2022          |                      |
|                                     | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              |                      |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020       | 17                   | 31                   | 13                   | 16                   | 17                   |
| Soil Colour                         | N                           | 2040       |              | N/A         | Brown                | White                | Brown                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A         | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A         | Clay                 | Clay                 | Clay                 | Clay                 | Clay                 |
| pH                                  | M                           | 2010       |              | 4.0         | 9.6                  | 8.4                  | 8.7                  | 8.6                  | 8.7                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40        | 0.57                 | < 0.40               | 0.88                 | 1.0                  | 2.3                  |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010       | 0.16                 | 0.081                | 0.051                | 0.043                | 0.084                |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50        | 0.96                 | 0.79                 | < 0.50               | 0.56                 | 1.2                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5         | 1.4                  | 0.7                  | 2.2                  | 1.4                  | 2.0                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10        | < 0.10               | < 0.10               | 0.10                 | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5         | 3.2                  | 1.6                  | 4.5                  | 5.2                  | 4.4                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50        | 2.9                  | 0.99                 | 5.0                  | 2.1                  | 4.2                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50        | 3.3                  | 1.6                  | 4.1                  | 3.9                  | 4.0                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50        | 6.4                  | 1.3                  | 10                   | 4.5                  | 11                   |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25        | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5         | 4.6                  | 2.2                  | 6.1                  | 5.9                  | 6.0                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50        | 15                   | 5.3                  | 25                   | 14                   | 26                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20        | 4.4                  | 2.0                  | 0.73                 | 3.3                  | 0.95                 |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0         | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22370     | 22-22370    | 22-22370    | 22-22370    | 22-22370    | 22-22370    |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1449180      | 1449181     | 1449182     | 1449183     | 1449184     | 1449185     |
|                                     | Sample Location:            |            | C2/TP03      | C2/TP03     | C3/TP02     | C3/TP02     | D3/TP01     | D3/TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.00         | 1.20        | 0.00        | 0.70        | 0.00        | 1.00        |
|                                     | Bottom Depth (m):           |            | 1.00         | 1.90        | 0.30        | 1.10        | 0.90        | 1.50        |
|                                     | Date Sampled:               |            | 14-Jun-2022  | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 |
|                                     | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | < 10        | < 10        |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 1.2         |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 1.3         |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | 2.5         |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |



## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

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**Report No.:** 22-22573-1  
**Initial Date of Issue:** 22-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 17-Jun-2022

**Order No.:** **Date Instructed:** 17-Jun-2022

**No. of Samples:** 6

**Turnaround (Wkdays):** 4 **Results Due:** 22-Jun-2022

**Date Approved:** 22-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                      |      |       |       |                      |                      |                      |                      |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-22573             | 22-22573             | 22-22573             | 22-22573             | 22-22573             | 22-22573             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1450213              | 1450214              | 1450215              | 1450216              | 1450217              | 1450218              |
| Order No.:                          | Client Sample Ref.:  |      |       |       | C4/TP02              | C4/TP02              | D3/TP04              | D3/TP04              | D4/TP01              | D4/TP01              |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.00                 | 0.80                 | 0.00                 | 0.70                 | 0.00                 | 1.90                 |
|                                     | Bottom Depth (m):    |      |       |       | 0.50                 | 1.40                 | 0.20                 | 1.20                 | 0.25                 | 2.00                 |
|                                     | Date Sampled:        |      |       |       | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 17                   | 17                   | 11                   | 17                   | 12                   | 18                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | White                | White                | Brown                | Beige                | Beige                | Beige                |
| Other Material                      | N                    | 2040 |       | N/A   | None                 | None                 | Stones               | Stones               | Stones               | None                 |
| Soil Texture                        | N                    | 2040 |       | N/A   | Clay                 | Clay                 | Gravel               | Clay                 | Clay                 | Clay                 |
| pH                                  | M                    | 2010 |       | 4.0   | 9.9                  | 10.0                 | 9.1                  | 11.4                 | 11.3                 | 11.2                 |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | < 0.40               | < 0.40               | 6.7                  | 0.89                 | 0.79                 | 0.70                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.042                | 0.092                | 0.87                 | 0.14                 | 0.15                 | 0.085                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | 0.90                 | 0.90                 | 0.80                 |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 2.6                  | 3.1                  | 10                   | 2.0                  | 2.2                  | 2.2                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | < 0.5                | 0.6                  | 7.5                  | 1.0                  | 0.8                  | 1.0                  |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | < 0.10               | < 0.10               | 0.45                 | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 0.8                  | 1.3                  | 5.9                  | 1.6                  | 1.2                  | 2.6                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 2.8                  | 2.9                  | 77                   | 5.0                  | 2.3                  | 5.0                  |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 1.0                  | 1.1                  | 14                   | 2.1                  | 1.6                  | 5.8                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 1.5                  | 2.1                  | 130                  | 6.1                  | 2.0                  | 9.9                  |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | 0.28                 | 0.37                 | 0.68                 | 0.39                 | 0.26                 | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 1.3                  | 1.7                  | 9.8                  | 2.3                  | 1.8                  | 2.7                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 5.9                  | 7.5                  | 290                  | 20                   | 9.0                  | 15                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 4.3                  | 2.3                  | 4.8                  | 0.92                 | 1.8                  | 4.4                  |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 13                   | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 19                   | < 1.0                | 6.1                  | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 47                   | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | 62                   | < 1.0                | 350                  | 36                   | 120                  | 23                   |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | 62                   | < 5.0                | 430                  | 36                   | 130                  | 23                   |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 8.0                  | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 8.1                  | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22573     | 22-22573    | 22-22573    | 22-22573    | 22-22573    | 22-22573    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1450213      | 1450214     | 1450215     | 1450216     | 1450217     | 1450218     |
| Order No.:                          | Client Sample Ref.:         |            | C4/TP02      | C4/TP02     | D3/TP04     | D3/TP04     | D4/TP01     | D4/TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.00         | 0.80        | 0.00        | 0.70        | 0.00        | 1.90        |
|                                     | Bottom Depth (m):           |            | 0.50         | 1.40        | 0.20        | 1.20        | 0.25        | 2.00        |
|                                     | Date Sampled:               |            | 15-Jun-2022  | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 |
|                                     | Asbestos Lab:               |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | 110         | 72          | 250         | 130         |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 110         | 72          | 270         | 130         |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 170         | 72          | 700         | 160         |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | 0.35        | 0.85        | 0.89        | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | 0.16        | 0.15        | 0.14        | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | 0.44        | 1.3         | 1.4         | 0.52        |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | 0.51        | 1.2         | 1.2         | 0.58        |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | 0.25        | 0.86        | 0.85        | 0.22        |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | 0.38        | 1.3         | 1.5         | 0.48        |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.1         | 1.2         | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.56        | 0.60        | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.70        | 0.74        | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.36        | 0.33        | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 0.20        | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 0.37        | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | 2.1         | 8.4         | 9.5         | < 2.0       |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |



## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

# Final Report

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**Report No.:** 22-23669-1  
**Initial Date of Issue:** 28-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 24-Jun-2022

**Order No.:** 223159 **Date Instructed:** 24-Jun-2022

**No. of Samples:** 13

**Turnaround (Wkdays):** 3 **Results Due:** 28-Jun-2022

**Date Approved:** 28-Jun-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |               |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-23669             | 22-23669             | 22-23669      | 22-23669             | 22-23669             | 22-23669             | 22-23669             | 22-23669             | 22-23669             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1454742              | 1454743              | 1454744       | 1454745              | 1454746              | 1454747              | 1454748              | 1454749              | 1454750              |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            |              |            | MG                   | NAT                  | MG            | NAT                  | MG                   | NAT                  | NAT                  | MG                   | NAT                  |
|                                     | <b>Sample Location:</b>     |            |              |            | C6-TP03              | C6-TP03              | C6-TP02       | C6-TP02              | C5-TP03              | C5-TP03              | D6-TP04              | D6-TP01              | D6-TP01              |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL          | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.3                  | 1                    | 0.2           | 1                    | 0.3                  | 1.5                  | 1.5                  | 0.3                  | 2                    |
|                                     | <b>Bottom Depth (m):</b>    |            |              |            | 0.5                  | 2                    | 0.4           | 1.9                  | 0.5                  | 2.4                  | 2.9                  | 0.5                  | 2.6                  |
|                                     | <b>Date Sampled:</b>        |            |              |            | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022   | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY             | COVENTRY             | COVENTRY      | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |               |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | Fibres/Clumps | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | Amosite       | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      | 0.002         |                      |                      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      | 0.002         |                      |                      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 8.5                  | 19                   | 12            | 20                   | 8.9                  | 19                   | 19                   | 3.7                  | 20                   |
| pH                                  | U                           | 2010       |              | 4.0        | 8.0                  | 8.2                  | 8.0           | 8.2                  | 8.1                  | 8.0                  | 6.7                  | 8.0                  | 8.5                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | 0.59                 | < 0.40               | 0.51          | < 0.40               | 0.73                 | < 0.40               | < 0.40               | 0.50                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | 0.47                 | 1.5                  | 0.20          | 0.34                 | 0.55                 | 0.029                | 0.086                | 0.51                 | 0.014                |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | 3.5                  | < 0.5                | 3.1           | < 0.5                | 4.4                  | < 0.5                | < 0.5                | 6.1                  | 1.0                  |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | < 0.10               | < 0.10               | < 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 1.3                  | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 6.8                  | 0.6                  | 9.7           | 0.7                  | 8.4                  | 1.3                  | 0.5                  | 16                   | 1.5                  |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 3.7                  | 1.3                  | 7.5           | 1.0                  | 4.2                  | 1.1                  | 0.73                 | 40                   | 24                   |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 6.1                  | 1.2                  | 7.5           | 1.1                  | 7.7                  | 1.4                  | 0.58                 | 12                   | 1.9                  |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 3.3                  | 0.84                 | 4.0           | 1.2                  | 4.6                  | 1.2                  | 0.59                 | 35                   | 2.7                  |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | < 0.25               | < 0.25               | < 0.25        | < 0.25               | < 0.25               | < 0.25               | < 0.25               | 0.39                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 11                   | 1.0                  | 9.3           | 0.9                  | 13                   | 1.4                  | 0.7                  | 25                   | 2.5                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 13                   | 4.2                  | 16            | 6.0                  | 14                   | 5.7                  | 4.4                  | 160                  | 18                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | 0.78                 | < 0.50               | < 0.50        | < 0.50               | 1.2                  | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | < 0.20               | 2.5                  | 0.54          | 1.9                  | 0.22                 | 2.8                  | 2.1                  | 2.4                  | 1.8                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | 7.3                  | 12                   | 12            | 13                   | 16                   | 8.2                  | 6.7                  | 6.7                  | 6.2                  |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | 31                   | 15                   | 22            | 26                   | 49                   | 13                   | 18                   | 12                   | 12                   |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | 40                   | 13                   | 33            | 24                   | 62                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | 110                  | 56                   | 480           | 61                   | 140                  | 17                   | 39                   | 120                  | 12                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 190                  | 96                   | 550           | 120                  | 270                  | 38                   | 64                   | 140                  | 30                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | 3.2                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |             |             |             |             |             |             |             |             |          |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-23669     | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669 | 22-23669 |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1454742      | 1454743     | 1454744     | 1454745     | 1454746     | 1454747     | 1454748     | 1454749     | 1454750     |          |          |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            | MG           | NAT         | MG          | NAT         | MG          | NAT         | NAT         | MG          | NAT         |          |          |
|                                     | <b>Sample Location:</b>     |            | C6-TP03      | C6-TP03     | C6-TP02     | C6-TP02     | C5-TP03     | C5-TP03     | D6-TP04     | D6-TP01     | D6-TP01     |          |          |
|                                     | <b>Sample Type:</b>         |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |          |
|                                     | <b>Top Depth (m):</b>       |            | 0.3          | 1           | 0.2         | 1           | 0.3         | 1.5         | 1.5         | 0.3         | 2           |          |          |
|                                     | <b>Bottom Depth (m):</b>    |            | 0.5          | 2           | 0.4         | 1.9         | 0.5         | 2.4         | 2.9         | 0.5         | 2.6         |          |          |
|                                     | <b>Date Sampled:</b>        |            | 22-Jun-2022  | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 |          |          |
|                                     | <b>Asbestos Lab:</b>        |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |          |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |             |          |          |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0         | 88          | 22          | 98          | 29          | 30          | 14          | 20          | 17       | 14       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 88          | 22          | 98          | 29          | 33          | 14          | 20          | 17       | 14       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 280         | 120         | 650         | 150         | 300         | 52          | 84          | 150      | 44       |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10        | 4.2         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 13       | < 0.10   |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10        | 0.92        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 2.6      | < 0.10   |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10        | 6.4         | < 0.10      | < 0.10      | < 0.10      | 0.57        | < 0.10      | < 0.10      | 23       | < 0.10   |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10        | 6.7         | < 0.10      | < 0.10      | < 0.10      | 0.32        | < 0.10      | < 0.10      | 19       | < 0.10   |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10        | 3.8         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 8.8      | < 0.10   |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10        | 4.8         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 11       | < 0.10   |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | 4.3         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 12       | < 0.10   |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | 2.0         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 4.5      | < 0.10   |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10        | 3.2         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 8.6      | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10        | 2.0         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 6.3      | < 0.10   |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10        | 0.86        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.5      | < 0.10   |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10        | 1.9         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 5.7      | < 0.10   |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0         | 41          | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 120      | < 2.0    |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |



## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-23669             | 22-23669             | 22-23669             | 22-23669             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1454751              | 1454752              | 1454753              | 1454754              |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            |              |            | MG                   | NAT                  | MG                   | NAT                  |
|                                     | <b>Sample Location:</b>     |            |              |            | D5-TP04              | D5-TP04              | D5-TP01              | D5-TP01              |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.3                  | 1                    | 0.3                  | 1.5                  |
|                                     | <b>Bottom Depth (m):</b>    |            |              |            | 0.5                  | 2                    | 0.9                  | 2.0                  |
|                                     | <b>Date Sampled:</b>        |            |              |            | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 4.9                  | 20                   | 11                   | 17                   |
| pH                                  | U                           | 2010       |              | 4.0        | 6.9                  | 7.4                  | 10.1                 | 8.6                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | 0.50                 | < 0.40               | 0.59                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | 0.15                 | 0.041                | 0.38                 | 0.14                 |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | 9.7                  | < 0.5                | 3.6                  | < 0.5                |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | 0.31                 | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 13                   | 0.5                  | 6.0                  | 0.7                  |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 270                  | 1.0                  | 18                   | 1.6                  |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 12                   | 0.66                 | 6.2                  | 0.90                 |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 23                   | 0.67                 | 4.8                  | 0.84                 |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | 0.26                 | < 0.25               | 0.54                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 21                   | 0.8                  | 11                   | 0.9                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 150                  | 4.7                  | 21                   | 5.2                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | 4.0                  | 1.4                  | 0.75                 | 2.7                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | 5.4                  | 4.6                  | 5.3                  | 4.6                  |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | 11                   | 7.7                  | 18                   | 13                   |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 13                   | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | 150                  | < 1.0                | 110                  | 26                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 160                  | 12                   | 140                  | 43                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-23669     | 22-23669    | 22-23669    | 22-23669    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1454751      | 1454752     | 1454753     | 1454754     |
| Order No.: 223159                   | Client Sample Ref.:         |            | MG           | NAT         | MG          | NAT         |
|                                     | Sample Location:            |            | D5-TP04      | D5-TP04     | D5-TP01     | D5-TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.3          | 1           | 0.3         | 1.5         |
|                                     | Bottom Depth (m):           |            | 0.5          | 2           | 0.9         | 2.0         |
|                                     | Date Sampled:               |            | 22-Jun-2022  | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 |
|                                     | Asbestos Lab:               |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0         | 21          | 58          |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 21          | 58          |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 190         | 70          |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



2183

# Final Report

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**Report No.:** 22-23673-1  
**Initial Date of Issue:** 28-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 24-Jun-2022

**Order No.:** 223159 **Date Instructed:** 24-Jun-2022

**No. of Samples:** 4

**Turnaround (Wkdays):** 3 **Results Due:** 28-Jun-2022

**Date Approved:** 28-Jun-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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# Bulk Identification Certificate

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 22-Jun-2022  
**Date Received:** 24-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-23673  
**No Samples:**  
**Date Reported:** 28-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material | Result               |
|------------|-----------|-------------|-------------|---------|------------|------|---------|------------|----------|----------------------|
| 1454802    |           | AS21        | C6-TP03     | 0.3     |            | 2185 | U       | NEW-ASB    | -        | No Asbestos Detected |
| 1454803    |           | AS22        | C6-TP02     | 0.2     |            | 2185 | U       | NEW-ASB    | Bitumen  | No Asbestos Detected |
| 1454804    |           | AS23        | C5-TP03     | 0.3     |            | 2185 | U       | NEW-ASB    | Cement   | No Asbestos Detected |
| 1454805    |           | AS24        | D5-TP04     | 0.3     |            | 2185 | U       | NEW-ASB    | Cement   | Chrysotile           |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

## **Test Methods**

| <b>SOP</b> | <b>Title</b> | <b>Parameters included</b> | <b>Method summary</b>                   |
|------------|--------------|----------------------------|-----------------------------------------|
| 2185       | Asbestos     | Asbestos                   | Polarised light microscopy              |
| 2192       | Asbestos     | Asbestos                   | Polarised light microscopy / Gravimetry |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-20694-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 09-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 16-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | 223159 Saunderton                                                                |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 06-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 10-Jun-2022 |
| <b>No. of Samples:</b>        | 19                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 15-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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# Bulk Identification Certificate

**Client:** AA Environmental Ltd  
**Site Address:**  
**Date Sampled:** 31-May-2022  
**Date Received:** 06-Jun-2022

**Your Ref.:**  
**Project:** 223159 Saunderton  
**Job Number:** 22-20694  
**No Samples:**  
**Date Reported:** 09-Jun-2022

| Sample No. | Sample ID | Sample Ref. | Description | Top (m) | Bottom (m) | SOP  | Accred. | Laboratory | Material | Result     |
|------------|-----------|-------------|-------------|---------|------------|------|---------|------------|----------|------------|
| 1441244    | AS5       |             | TP02/E3     |         |            | 2185 | U       | DURHAM     | Cement   | Chrysotile |
| 1441245    | AS6       |             | TP01/E5     | 0.65    |            | 2185 | U       | DURHAM     | Cement   | Chrysotile |

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)



## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1441227              | 1441228              | 1441229              | 1441230              | 1441231              | 1441232              | 1441233              | 1441234              |
|                                     | Sample Location:            |            |              |            | TP01/E3              | TP01/E3              | TP02/D3              | TP02/D3              | TP03/D3              | TP03/D3              | TP02/E3              | TP02/E3              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.20                 | 0.45                 | 0.25                 | 0.65                 | 0.40                 | 1.20                 | 0.70                 | 3.00                 |
|                                     | Bottom Depth (m):           |            |              |            | 0.45                 | 1.10                 | 0.65                 | 1.70                 | 1.1                  | 2.20                 | 1.70                 | 4.00                 |
|                                     | Date Sampled:               |            |              |            | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 6.0                  | 20                   | 16                   | 22                   | 21                   | 21                   | 14                   | 16                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | Brown                | White                | Brown                | Beige                | Brown                | White                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Gravel               | Clay                 | Loam                 | Clay                 | Clay                 | Clay                 | Gravel               | Clay                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.9                  | 9.4                  | 11.1                 | 9.8                  | 9.1                  | 10.3                 | 10.2                 | 11.2                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | < 0.40               | 0.77                 | 0.46                 | 0.85                 | 0.57                 | 0.99                 | 0.74                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.077                | 0.022                | 0.25                 | 0.047                | 0.058                | 0.087                | 0.32                 | 0.36                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | 0.90                 | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 4.0                  | 1.2                  | 1.6                  | 2.1                  | 1.3                  | 1.0                  | 1.3                  | 1.4                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 11                   | 1.3                  | 3.4                  | < 0.5                | 2.7                  | 3.9                  | 6.5                  | 2.2                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | 1.1                  | 0.14                 | 0.56                 | < 0.10               | 0.16                 | < 0.10               | 0.47                 | 0.11                 |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 14                   | 2.2                  | 11                   | 1.5                  | 5.5                  | 2.2                  | 34                   | 5.6                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 10                   | 2.8                  | 11                   | 1.6                  | 7.9                  | 6.1                  | 140                  | 22                   |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | 0.06                 | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | 0.05                 | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 13                   | 3.3                  | 8.5                  | 2.0                  | 5.9                  | 4.9                  | 19                   | 5.9                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 86                   | 6.0                  | 17                   | 2.3                  | 12                   | 3.6                  | 31                   | 14                   |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | 0.45                 | < 0.25               | 0.30                 | < 0.25               | < 0.25               | < 0.25               | 0.39                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 14                   | 2.2                  | 9.5                  | 1.5                  | 6.3                  | 6.5                  | 22                   | 5.5                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 140                  | 13                   | 86                   | 7.2                  | 54                   | 20                   | 93                   | 46                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 5.5                  | 4.9                  | 4.2                  | 6.5                  | 3.2                  | 3.0                  | 3.4                  | 3.8                  |
| Diesel Present                      | N                           | 2670       |              | N/A        |                      |                      | True                 |                      |                      |                      |                      |                      |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 21                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 530                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1100                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 270                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | < 5.0                | 1900                 | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |             |             |          |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-20694     | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694 | 22-20694 |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1441227      | 1441228     | 1441229     | 1441230     | 1441231     | 1441232     | 1441233     | 1441234     |          |          |
|                                     | Sample Location:            |            | TP01/E3      | TP01/E3     | TP02/D3     | TP02/D3     | TP03/D3     | TP03/D3     | TP02/E3     | TP02/E3     |          |          |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |          |
|                                     | Top Depth (m):              |            | 0.20         | 0.45        | 0.25        | 0.65        | 0.40        | 1.20        | 0.70        | 3.00        |          |          |
|                                     | Bottom Depth (m):           |            | 0.45         | 1.10        | 0.65        | 1.70        | 1.1         | 2.20        | 1.70        | 4.00        |          |          |
|                                     | Date Sampled:               |            | 31-May-2022  | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 |          |          |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |          |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |          |          |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | < 5.0    | < 5.0    |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | 1900        | < 10        | < 10        | < 10        | < 10     | < 10     |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.1      | < 0.10   |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.2      | < 0.10   |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.83     | < 0.10   |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.1      | < 0.10   |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.83     | < 0.10   |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.49     | < 0.10   |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.80     | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 6.4      | < 2.0    |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |

## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             | 22-20694             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1441235              | 1441236              | 1441237              | 1441238              | 1441239              | 1441240              | 1441241              | 1441242              |
|                                     | Sample Location:            |            |              |            | TP02/D5              | TP01/E5              | TP01/E5              | TP01/E5              | TP03/D4              | TP05/D4              | TP05/D4              | TP04/D4              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.45                 | 0.25                 | 1.10                 | 3.30                 | 0.85                 | 0.30                 | 1.70                 | 0.20                 |
|                                     | Bottom Depth (m):           |            |              |            | 1.10                 | 1.10                 | 2.80                 | 3.80                 | 1.50                 | 1.30                 | 2.70                 | 1.30                 |
|                                     | Date Sampled:               |            |              |            | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          | 31-May-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020      | 20                   | 16                   | 23                   | 21                   | 21                   | 22                   | 22                   | 13                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Brown                | Black                | Beige                | White                | Brown                | White                | Brown                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Gravel               | Gravel               | Clay                 | Clay                 | Clay                 | Clay                 | Clay                 | Gravel               |
| pH                                  | M                           | 2010       |              | 4.0        | 10.5                 | 10.0                 | 9.2                  | 9.3                  | 9.5                  | 9.4                  | 9.6                  | 11.2                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | 2.7                  | 1.2                  | < 0.40               | < 0.40               | 0.76                 | < 0.40               | 0.65                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.078                | 0.56                 | 0.43                 | 0.042                | 0.15                 | 0.087                | 0.022                | 0.24                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | 0.80                 | 2.2                  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 1.9                  | 0.75                 | 0.90                 | 0.97                 | 5.0                  | 11                   | 78                   | 8.7                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 0.7                  | 4.5                  | 2.3                  | < 0.5                | < 0.5                | 1.2                  | 0.6                  | 11                   |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | 1.5                  | 4.1                  | 0.11                 | < 0.10               | 0.13                 | 0.10                 | 0.64                 |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 1.5                  | 19                   | 46                   | 2.7                  | 1.4                  | 3.8                  | 2.1                  | 14                   |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 2.5                  | 170                  | 1400                 | 22                   | 2.3                  | 7.7                  | 2.9                  | 130                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | 0.05                 | 0.06                 | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 1.5                  | 28                   | 66                   | 3.0                  | 1.5                  | 3.8                  | 2.3                  | 20                   |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 2.0                  | 410                  | 310                  | 21                   | 2.6                  | 11                   | 2.7                  | 200                  |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | 0.69                 | 0.60                 | < 0.25               | < 0.25               | < 0.25               | 0.28                 | 0.36                 |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 1.9                  | 12                   | 4.9                  | 1.0                  | 1.4                  | 4.8                  | 2.5                  | 15                   |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 8.5                  | 140                  | 880                  | 19                   | 8.2                  | 49                   | 13                   | 480                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 4.6                  | 9.5                  | 13                   | 11                   | 5.3                  | 5.1                  | 2.7                  | 3.8                  |
| Diesel Present                      | N                           | 2670       |              | N/A        | False                | False                | False                | False                |                      |                      |                      | False                |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 300                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 530                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1400                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 20000                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12000                | 52000                | 2400                 | < 1.0                | < 1.0                | < 1.0                | 77                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 1300                 | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | 12000                | 76000                | 2400                 | < 5.0                | < 5.0                | < 5.0                | 77                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 53                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 120                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton

|                              |                      |      |       |      |             |             |             |             |             |             |             |             |
|------------------------------|----------------------|------|-------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Client: AA Environmental Ltd | Chemtest Job No.:    |      |       |      | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    | 22-20694    |
| Quotation No.:               | Chemtest Sample ID.: |      |       |      | 1441235     | 1441236     | 1441237     | 1441238     | 1441239     | 1441240     | 1441241     | 1441242     |
|                              | Sample Location:     |      |       |      | TP02/D5     | TP01/E5     | TP01/E5     | TP01/E5     | TP03/D4     | TP05/D4     | TP05/D4     | TP04/D4     |
|                              | Sample Type:         |      |       |      | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                              | Top Depth (m):       |      |       |      | 0.45        | 0.25        | 1.10        | 3.30        | 0.85        | 0.30        | 1.70        | 0.20        |
|                              | Bottom Depth (m):    |      |       |      | 1.10        | 1.10        | 2.80        | 3.80        | 1.50        | 1.30        | 2.70        | 1.30        |
|                              | Date Sampled:        |      |       |      | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 | 31-May-2022 |
|                              | Asbestos Lab:        |      |       |      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| Determinand                  | Accred.              | SOP  | Units | LOD  |             |             |             |             |             |             |             |             |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg | 1.0  | < 1.0       | 240         | 480         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg | 1.0  | < 1.0       | 3700        | 790         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | 200         |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg | 1.0  | 1600        | 21000       | 8800        | < 1.0       | < 1.0       | < 1.0       | < 1.0       | 1700        |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg | 1.0  | < 1.0       | 1100        | 410         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg | 5.0  | 1600        | 26000       | 11000       | < 5.0       | < 5.0       | < 5.0       | < 5.0       | 1900        |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg | 10.0 | 1600        | 38000       | 87000       | < 10        | < 10        | < 10        | < 10        | 2000        |
| Naphthalene                  | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 0.71        |
| Acenaphthylene               | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 2.2         |
| Acenaphthene                 | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 3.9         |
| Fluorene                     | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 5.0         |
| Phenanthrene                 | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 51          |
| Anthracene                   | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 22          |
| Fluoranthene                 | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 130         |
| Pyrene                       | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 130         |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 67          |
| Chrysene                     | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 68          |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 76          |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 31          |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 66          |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 38          |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 9.5         |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 34          |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg | 2.0  | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 740         |
| Total Phenols                | M                    | 2920 | mg/kg | 0.10 | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |

## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd        | Chemtest Job No.:    |      | 22-20694    |       |                      |
|-------------------------------------|----------------------|------|-------------|-------|----------------------|
| Quotation No.:                      | Chemtest Sample ID.: |      | 1441243     |       |                      |
|                                     | Sample Location:     |      | TP04/D4     |       |                      |
|                                     | Sample Type:         |      | SOIL        |       |                      |
|                                     | Top Depth (m):       |      | 1.30        |       |                      |
|                                     | Bottom Depth (m):    |      | 2.10        |       |                      |
|                                     | Date Sampled:        |      | 31-May-2022 |       |                      |
|                                     | Asbestos Lab:        |      | DURHAM      |       |                      |
| Determinand                         | Accred.              | SOP  | Units       | LOD   |                      |
| ACM Type                            | U                    | 2192 |             | N/A   | -                    |
| Asbestos Identification             | U                    | 2192 |             | N/A   | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %           | 0.020 | 21                   |
| Soil Colour                         | N                    | 2040 |             | N/A   | White                |
| Other Material                      | N                    | 2040 |             | N/A   | Stones               |
| Soil Texture                        | N                    | 2040 |             | N/A   | Clay                 |
| pH                                  | M                    | 2010 |             | 4.0   | 9.6                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg       | 0.40  | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l         | 0.010 | 0.024                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg       | 0.50  | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg       | 0.50  | 21                   |
| Arsenic                             | M                    | 2455 | mg/kg       | 0.5   | 0.6                  |
| Cadmium                             | M                    | 2455 | mg/kg       | 0.10  | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg       | 0.5   | 1.5                  |
| Copper                              | M                    | 2455 | mg/kg       | 0.50  | 4.0                  |
| Mercury                             | M                    | 2455 | mg/kg       | 0.05  | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg       | 0.50  | 1.6                  |
| Lead                                | M                    | 2455 | mg/kg       | 0.50  | 6.2                  |
| Selenium                            | M                    | 2455 | mg/kg       | 0.25  | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg       | 0.5   | 1.5                  |
| Zinc                                | M                    | 2455 | mg/kg       | 0.50  | 29                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg       | 0.50  | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %           | 0.20  | 4.2                  |
| Diesel Present                      | N                    | 2670 |             | N/A   |                      |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg       | 1.0   | 220                  |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg       | 5.0   | 220                  |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg       | 1.0   | < 1.0                |



## Results - Soil

### Project: 223159 Saunderton

| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-20694    |      |        |
|------------------------------|----------------------|------|-------------|------|--------|
| Quotation No.:               | Chemtest Sample ID.: |      | 1441243     |      |        |
|                              | Sample Location:     |      | TP04/D4     |      |        |
|                              | Sample Type:         |      | SOIL        |      |        |
|                              | Top Depth (m):       |      | 1.30        |      |        |
|                              | Bottom Depth (m):    |      | 2.10        |      |        |
|                              | Date Sampled:        |      | 31-May-2022 |      |        |
|                              | Asbestos Lab:        |      | DURHAM      |      |        |
| Determinand                  | Accred.              | SOP  | Units       | LOD  |        |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg       | 1.0  | 420    |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg       | 1.0  | < 1.0  |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg       | 5.0  | 420    |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg       | 10.0 | 640    |
| Naphthalene                  | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Acenaphthylene               | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Acenaphthene                 | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Fluorene                     | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Phenanthrene                 | M                    | 2700 | mg/kg       | 0.10 | 0.53   |
| Anthracene                   | M                    | 2700 | mg/kg       | 0.10 | 0.19   |
| Fluoranthene                 | M                    | 2700 | mg/kg       | 0.10 | 1.2    |
| Pyrene                       | M                    | 2700 | mg/kg       | 0.10 | 1.3    |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg       | 0.10 | 0.73   |
| Chrysene                     | M                    | 2700 | mg/kg       | 0.10 | 0.81   |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg       | 0.10 | 0.74   |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg       | 0.10 | 0.43   |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg       | 0.10 | 0.61   |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg       | 0.10 | < 0.10 |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg       | 2.0  | 6.5    |
| Total Phenols                | M                    | 2920 | mg/kg       | 0.10 | < 0.10 |

## Results - Single Stage WAC

Project: 223159 Saunderton

|                              |      |         |                  |                   |                                                                            |                                                                |                          |
|------------------------------|------|---------|------------------|-------------------|----------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------|
| Chemtest Job No: 22-20694    |      |         |                  |                   | Landfill Waste Acceptance Criteria                                         |                                                                |                          |
| Chemtest Sample ID: 1441237  |      |         |                  |                   | Limits                                                                     |                                                                |                          |
| Sample Ref:                  |      |         |                  |                   | Inert Waste Landfill                                                       | Stable, Non-reactive hazardous waste in non-hazardous Landfill | Hazardous Waste Landfill |
| Sample ID:                   |      |         |                  |                   |                                                                            |                                                                |                          |
| Sample Location: TP01/E5     |      |         |                  |                   |                                                                            |                                                                |                          |
| Top Depth(m): 1.10           |      |         |                  |                   |                                                                            |                                                                |                          |
| Bottom Depth(m): 2.80        |      |         |                  |                   |                                                                            |                                                                |                          |
| Sampling Date: 31-May-2022   |      |         |                  |                   |                                                                            |                                                                |                          |
| Determinand                  | SOP  | Accred. | Units            |                   |                                                                            |                                                                |                          |
| Total Organic Carbon         | 2625 | M       | %                | 13                | 3                                                                          | 5                                                              | 6                        |
| Loss On Ignition             | 2610 | M       | %                | 23                | --                                                                         | --                                                             | 10                       |
| Total BTEX                   | 2760 | M       | mg/kg            | 0.24              | 6                                                                          | --                                                             | --                       |
| Total PCBs (7 Congeners)     | 2815 | M       | mg/kg            | < 0.10            | 1                                                                          | --                                                             | --                       |
| TPH Total WAC                | 2670 | M       | mg/kg            | 87000             | 500                                                                        | --                                                             | --                       |
| Total (Of 17) PAH's          | 2700 | N       | mg/kg            | < 2.0             | 100                                                                        | --                                                             | --                       |
| pH                           | 2010 | M       |                  | 9.2               | --                                                                         | >6                                                             | --                       |
| Acid Neutralisation Capacity | 2015 | N       | mol/kg           | 0.015             | --                                                                         | To evaluate                                                    | To evaluate              |
| Eluate Analysis              |      |         | 10:1 Eluate mg/l | 10:1 Eluate mg/kg | Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg |                                                                |                          |
| Arsenic                      | 1455 | U       | 0.0013           | 0.013             | 0.5                                                                        | 2                                                              | 25                       |
| Barium                       | 1455 | U       | < 0.005          | < 0.0005          | 20                                                                         | 100                                                            | 300                      |
| Cadmium                      | 1455 | U       | 0.00013          | 0.0013            | 0.04                                                                       | 1                                                              | 5                        |
| Chromium                     | 1455 | U       | 0.0048           | 0.048             | 0.5                                                                        | 10                                                             | 70                       |
| Copper                       | 1455 | U       | 0.0013           | 0.013             | 2                                                                          | 50                                                             | 100                      |
| Mercury                      | 1455 | U       | < 0.00005        | < 0.00005         | 0.01                                                                       | 0.2                                                            | 2                        |
| Molybdenum                   | 1455 | U       | 0.0013           | 0.013             | 0.5                                                                        | 10                                                             | 30                       |
| Nickel                       | 1455 | U       | 0.0027           | 0.027             | 0.4                                                                        | 10                                                             | 40                       |
| Lead                         | 1455 | U       | < 0.0005         | < 0.0005          | 0.5                                                                        | 10                                                             | 50                       |
| Antimony                     | 1455 | U       | 0.0008           | 0.0084            | 0.06                                                                       | 0.7                                                            | 5                        |
| Selenium                     | 1455 | U       | < 0.0005         | < 0.0005          | 0.1                                                                        | 0.5                                                            | 7                        |
| Zinc                         | 1455 | U       | < 0.003          | < 0.003           | 4                                                                          | 50                                                             | 200                      |
| Chloride                     | 1220 | U       | < 1.0            | < 10              | 800                                                                        | 15000                                                          | 25000                    |
| Fluoride                     | 1220 | U       | 0.15             | 1.5               | 10                                                                         | 150                                                            | 500                      |
| Sulphate                     | 1220 | U       | < 1.0            | < 10              | 1000                                                                       | 20000                                                          | 50000                    |
| Total Dissolved Solids       | 1020 | N       | 35               | 340               | 4000                                                                       | 60000                                                          | 100000                   |
| Phenol Index                 | 1920 | U       | < 0.030          | < 0.30            | 1                                                                          | -                                                              | -                        |
| Dissolved Organic Carbon     | 1610 | U       | < 2.5            | < 50              | 500                                                                        | 800                                                            | 1000                     |

### Solid Information

|                             |       |
|-----------------------------|-------|
| Dry mass of test portion/kg | 0.090 |
| Moisture (%)                | 23    |

### Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

### TPH Interpretation

| Job      | Sample  | Matrix | Location | Sample Ref | Sample ID | Sample Depth (m) | Gasoline / Diesel Present | TPH Interpretation |
|----------|---------|--------|----------|------------|-----------|------------------|---------------------------|--------------------|
| 22-20694 | 1441229 | S      | TP02/D3  |            |           | 0.25             | Yes                       | Diesel             |
| 22-20694 | 1441235 | S      | TP02/D5  |            |           | 0.45             | No                        | Lube Oil           |
| 22-20694 | 1441236 | S      | TP01/E5  |            |           | 0.25             | No                        | Heavy Oil          |
| 22-20694 | 1441237 | S      | TP01/E5  |            |           | 1.10             | No                        | Heavy Oil          |
| 22-20694 | 1441238 | S      | TP01/E5  |            |           | 3.30             | No                        | Heavy Oil          |
| 22-20694 | 1441242 | S      | TP04/D4  |            |           | 0.20             | No                        | PAH                |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                           | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1020 | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters  | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters                                                                                                                                                                                            | Conductivity Meter                                                                                                                                                                     |
| 1220 | Anions, Alkalinity & Ammonium in Waters                             | Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium                                                                                                                                              | Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.                                                                                                                 |
| 1455 | Metals in Waters by ICP-MS                                          | Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc                                                                                | Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).                                                                       |
| 1610 | Total/Dissolved Organic Carbon in Waters                            | Organic Carbon                                                                                                                                                                                                                                                | TOC Analyser using Catalytic Oxidation                                                                                                                                                 |
| 1920 | Phenols in Waters by HPLC                                           | Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.                                                                                                                                                   | Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.                                                                                        |
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                            | pH Meter                                                                                                                                                                               |
| 2015 | Acid Neutralisation Capacity                                        | Acid Reserve                                                                                                                                                                                                                                                  | Titration                                                                                                                                                                              |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                              | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                              | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                          | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2185 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                      | Polarised light microscopy                                                                                                                                                             |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                      | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                               | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                      | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                 | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2610 | Loss on Ignition                                                    | loss on ignition (LOI)                                                                                                                                                                                                                                        | Determination of the proportion by mass that is lost from a soil by ignition at 550°C.                                                                                                 |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                    | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2670 | Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID               | TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40                                                                                                                                                                                | Dichloromethane extraction / GC-FID                                                                                                                                                    |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                 | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |

## Test Methods

| SOP  | Title                                                            | Parameters included                                                                                                                               | Method summary                                                                                                                                             |
|------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2760 | Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS    | Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule              | Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds. |
| 2815 | Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS | ICES7 PCB congeners                                                                                                                               | Acetone/Hexane extraction / GC-MS                                                                                                                          |
| 2920 | Phenols in Soils by HPLC                                         | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded. | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                   |
| 640  | Characterisation of Waste (Leaching C10)                         | Waste material including soil, sludges and granular waste                                                                                         | ComplianceTest for Leaching of Granular Waste Material and Sludge                                                                                          |



## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



# Final Report

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**Report No.:** 22-21600-1  
**Initial Date of Issue:** 15-Jun-2022  
**Client** AA Environmental Ltd  
**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX  
**Contact(s):** Reporting  
**Project** 223159 Saunderton - 223159  
**Quotation No.:**  
**Order No.:**  
**No. of Samples:** 19  
**Turnaround (Wkdays):** 4  
**Date Approved:** 15-Jun-2022

**Date Received:** 10-Jun-2022

**Date Instructed:** 10-Jun-2022

**Results Due:** 15-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |            |                      |                      |                      |                      |               |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600      | 22-21600             | 22-21600             | 22-21600             | 22-21600             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1445484              | 1445485              | 1445486              | 1445487              | 1445488       | 1445489              | 1445490              | 1445491              | 1445492              |
|                                     | Sample Location:            |            |              |            | E6/TP02              | E6/TP02              | E6/TP01              | E6/TP01              | E5/TP02       | E5/TP02              | D5/TP03              | D5/TP03              | D6/TP02              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL          | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.00                 | 0.90                 | 0.00                 | 0.20                 | 0.00          | 0.80                 | 0.00                 | 0.10                 | 0.00                 |
|                                     | Bottom Depth (m):           |            |              |            | 0.90                 | 1.35                 | 0.20                 | 1.20                 | 0.80          | 1.50                 | 0.10                 | 1.00                 | 0.10                 |
|                                     | Date Sampled:               |            |              |            | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022   | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM        | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |               |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | Fibres/Clumps | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | Amosite       | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      | 0.011         |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      | 0.011         |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 12                   | 20                   | 11                   | 20                   | 9.6           | 18                   | 9.5                  | 19                   | 5.8                  |
| Soil Colour                         | N                           | 2040       |              | N/A        | Brown                | White                | Brown                | White                | Brown         | White                | Brown                | White                | Brown                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones        | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Sand                 | Sand                 | Sand          | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0        | 11.2                 | 10.2                 | 11.1                 | 9.5                  | 10.6          | 9.7                  | 11.1                 | 9.6                  | 11.3                 |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | 0.49                 | < 0.40               | 0.63                 | < 0.40               | 1.0           | < 0.40               | 0.70                 | < 0.40               | 0.76                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.23                 | 0.11                 | 0.34                 | 0.020                | 0.27          | 0.014                | 0.54                 | 0.019                | 0.63                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 2.0                  | 2.0                  | 2.1                  | 2.1                  | 2.1           | 2.3                  | 2.4                  | 2.4                  | 2.4                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | 2.2                  | 1.5                  | 2.3                  | < 0.5                | 2.7           | < 0.5                | 1.7                  | < 0.5                | 7.1                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | 5.7                  | 1.1                  | 3.8                  | < 0.5                | 4.8           | < 0.5                | 2.8                  | < 0.5                | 8.4                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | 1.9                  | 0.68                 | 1.8                  | < 0.50               | 2.9           | 0.57                 | 1.9                  | < 0.50               | 4.7                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | 2.8                  | 0.86                 | 2.0                  | < 0.50               | 3.4           | 0.71                 | 1.9                  | < 0.50               | 6.1                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | 2.0                  | 1.2                  | 9.8                  | < 0.50               | 10            | < 0.50               | 1.4                  | < 0.50               | 2.1                  |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | 0.25                 | < 0.25               | < 0.25               | < 0.25               | < 0.25        | < 0.25               | < 0.25               | < 0.25               | 0.32                 |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 7.5                  | 1.3                  | 5.0                  | < 0.5                | 6.4           | < 0.5                | 3.9                  | < 0.5                | 12                   |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 8.8                  | 3.6                  | 9.8                  | 1.7                  | 13            | 2.6                  | 5.0                  | 2.9                  | 15                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 0.20                 | 1.4                  | 0.23                 | 1.3                  | < 0.20        | 0.76                 | 1.3                  | 2.1                  | 2.0                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | 9.7                  | < 1.0                | 7.6                  | < 1.0                | 7.5           | 9.1                  | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | 10                   | < 1.0                | 9.9                  | < 1.0                | 14            | 8.8                  | < 1.0                | < 1.0                | 6.2                  |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | 260                  | < 1.0                | 400                  | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | 1000                 |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 280                  | < 5.0                | 420                  | < 5.0                | 21            | 18                   | < 5.0                | < 5.0                | 1000                 |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                |            |              |            |                             |             |             |             |             |             |             |             |             |
|-------------------------------------|----------------|------------|--------------|------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> |                |            |              |            | <b>Chemtest Job No.:</b>    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    |
| <b>Quotation No.:</b>               |                |            |              |            | <b>Chemtest Sample ID.:</b> | 1445484     | 1445485     | 1445486     | 1445487     | 1445488     | 1445489     | 1445490     | 1445491     |
|                                     |                |            |              |            | Sample Location:            | E6/TP02     | E6/TP02     | E6/TP01     | E6/TP01     | E5/TP02     | E5/TP02     | D5/TP03     | D5/TP03     |
|                                     |                |            |              |            | Sample Type:                | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     |                |            |              |            | Top Depth (m):              | 0.00        | 0.90        | 0.00        | 0.20        | 0.00        | 0.80        | 0.00        | 0.10        |
|                                     |                |            |              |            | Bottom Depth (m):           | 0.90        | 1.35        | 0.20        | 1.20        | 0.80        | 1.50        | 0.10        | 1.00        |
|                                     |                |            |              |            | Date Sampled:               | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 |
|                                     |                |            |              |            | Asbestos Lab:               | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |
| <b>Determinand</b>                  | <b>Accred.</b> | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                             |             |             |             |             |             |             |             |             |
| Aromatic TPH >C10-C12               | M              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C12-C16               | M              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | 9.1         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21               | U              | 2680       | mg/kg        | 1.0        | 17                          | < 1.0       | < 1.0       | < 1.0       | 7.5         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M              | 2680       | mg/kg        | 1.0        | 40                          | < 1.0       | < 1.0       | < 1.0       | < 1.0       | 23          | < 1.0       | < 1.0       | 360         |
| Aromatic TPH >C35-C44               | N              | 2680       | mg/kg        | 1.0        | < 1.0                       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N              | 2680       | mg/kg        | 5.0        | 57                          | < 5.0       | < 5.0       | < 5.0       | 17          | 23          | < 5.0       | < 5.0       | 360         |
| Total Petroleum Hydrocarbons        | N              | 2680       | mg/kg        | 10.0       | 340                         | < 10        | 420         | < 10        | 38          | 41          | < 10        | < 10        | 1400        |
| Naphthalene                         | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Pyrene                              | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]anthracene                  | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                            | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M              | 2700       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M              | 2700       | mg/kg        | 2.0        | < 2.0                       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       |
| Total Phenols                       | M              | 2920       | mg/kg        | 0.10       | < 0.10                      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      |

## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |            |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             | 22-21600             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1445493              | 1445494              | 1445495              | 1445496              | 1445497              | 1445498              | 1445499              | 1445500              | 1445501              |
|                                     | Sample Location:            |            |              |            | D6/TP02              | D6/TP03              | D6/TP03              | D6/TP05              | D6/TP05              | D5/TP05              | D5/TP05              | E4/TP03              | E4/TP03              |
|                                     | Sample Type:                |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):              |            |              |            | 0.10                 | 0.00                 | 0.10                 | 0.08                 | 0.40                 | 0.40                 | 0.70                 | 0.00                 | 0.50                 |
|                                     | Bottom Depth (m):           |            |              |            | 1.00                 | 0.10                 | 1.00                 | 0.40                 | 1.20                 | 0.70                 | 1.60                 | 0.50                 | 1.45                 |
|                                     | Date Sampled:               |            |              |            | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          | 08-Jun-2022          |
|                                     | Asbestos Lab:               |            |              |            | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 21                   | 12                   | 20                   | 6.5                  | 18                   | 5.5                  | 19                   | 17                   | 20                   |
| Soil Colour                         | N                           | 2040       |              | N/A        | White                | Brown                | White                | Brown                | White                | Brown                | White                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A        | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A        | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 | Sand                 |
| pH                                  | M                           | 2010       |              | 4.0        | 9.8                  | 10.5                 | 9.4                  | 10.0                 | 9.2                  | 10.4                 | 9.5                  | 8.4                  | 8.5                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40       | < 0.40               | 0.84                 | < 0.40               | < 0.40               | < 0.40               | 1.4                  | < 0.40               | < 0.40               | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010      | 0.049                | 0.62                 | 0.014                | 0.058                | 0.026                | 0.70                 | 0.057                | 0.081                | 0.19                 |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | 2.4                  | 2.4                  | 2.4                  | 2.4                  | 41                   | 41                   | 41                   | 42                   | 41                   |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 5.4                  | < 0.5                | 4.0                  | < 0.5                | 2.8                  | < 0.5                | 2.1                  | < 0.5                |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10       | < 0.10               | 0.14                 | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 0.14                 | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5        | < 0.5                | 8.6                  | < 0.5                | 3.6                  | < 0.5                | 3.0                  | 0.6                  | 5.1                  | 0.8                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 16                   | < 0.50               | 3.7                  | 0.89                 | 3.7                  | 0.52                 | 3.3                  | 0.91                 |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 7.5                  | < 0.50               | 4.4                  | < 0.50               | 3.0                  | 0.58                 | 4.2                  | 1.2                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50       | < 0.50               | 19                   | < 0.50               | 3.8                  | 1.4                  | 2.4                  | < 0.50               | 8.8                  | 0.92                 |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25       | < 0.25               | 0.25                 | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | 0.25                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 0.5                  | 11                   | < 0.5                | 8.8                  | 0.5                  | 6.1                  | 0.7                  | 7.2                  | 1.1                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50       | 2.2                  | 48                   | 1.8                  | 14                   | 2.9                  | 9.6                  | 2.8                  | 17                   | 4.0                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20       | 0.64                 | 2.3                  | 0.42                 | 0.31                 | 2.0                  | 1.2                  | 1.3                  | 1.0                  | 0.38                 |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 7.0                  | < 1.0                | 7.3                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12                   | < 1.0                | 8.7                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 2100                 | < 1.0                | 890                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | 10                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | < 5.0                | 2200                 | < 5.0                | 910                  | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0        | < 1.0                | 12                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |



## Results - Soil

**Project: 223159 Saunderton - 223159**

|                                     |                             |            |              |             |             |             |             |             |             |             |             |          |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-21600     | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600    | 22-21600 | 22-21600 |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1445493      | 1445494     | 1445495     | 1445496     | 1445497     | 1445498     | 1445499     | 1445500     | 1445501     |          |          |
|                                     | Sample Location:            |            | D6/TP02      | D6/TP03     | D6/TP03     | D6/TP05     | D6/TP05     | D5/TP05     | D5/TP05     | E4/TP03     | E4/TP03     |          |          |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |          |
|                                     | Top Depth (m):              |            | 0.10         | 0.00        | 0.10        | 0.08        | 0.40        | 0.40        | 0.70        | 0.00        | 0.50        |          |          |
|                                     | Bottom Depth (m):           |            | 1.00         | 0.10        | 1.00        | 0.40        | 1.20        | 0.70        | 1.60        | 0.50        | 1.45        |          |          |
|                                     | Date Sampled:               |            | 08-Jun-2022  | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 | 08-Jun-2022 |          |          |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      | DURHAM      |          |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |             |          |          |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | 9.3         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | 1800        | < 1.0       | 160         | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | 39          | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | 1900        | < 5.0       | 160         | < 5.0       | < 5.0       | < 5.0       | < 5.0    | < 5.0    |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | 4100        | < 10        | 1100        | < 10        | < 10        | < 10        | < 10     | < 10     |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.1         | < 0.10      | < 0.10      | < 0.10      | 0.47        | < 0.10      | < 0.10   | < 0.10   |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.3         | < 0.10      | < 0.10      | < 0.10      | 0.65        | < 0.10      | < 0.10   | < 0.10   |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | 2.4         | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0    | < 2.0    |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |

## Results - Soil

### Project: 223159 Saunderton - 223159

| Client: AA Environmental Ltd        | Chemtest Job No.:    |      | 22-21600     |       |                      |
|-------------------------------------|----------------------|------|--------------|-------|----------------------|
| Quotation No.:                      | Chemtest Sample ID.: |      | 1445502      |       |                      |
|                                     | Sample Location:     |      | E4/TP03 (SP) |       |                      |
|                                     | Sample Type:         |      | SOIL         |       |                      |
|                                     | Top Depth (m):       |      |              |       |                      |
|                                     | Bottom Depth (m):    |      |              |       |                      |
|                                     | Date Sampled:        |      | 08-Jun-2022  |       |                      |
|                                     | Asbestos Lab:        |      | DURHAM       |       |                      |
| Determinand                         | Accred.              | SOP  | Units        | LOD   |                      |
| ACM Type                            | U                    | 2192 |              | N/A   | -                    |
| Asbestos Identification             | U                    | 2192 |              | N/A   | No Asbestos Detected |
| Asbestos by Gravimetry              | U                    | 2192 | %            | 0.001 |                      |
| Total Asbestos                      | U                    | 2192 | %            | 0.001 |                      |
| Moisture                            | N                    | 2030 | %            | 0.020 | 8.7                  |
| Soil Colour                         | N                    | 2040 |              | N/A   | Brown                |
| Other Material                      | N                    | 2040 |              | N/A   | Stones               |
| Soil Texture                        | N                    | 2040 |              | N/A   | Sand                 |
| pH                                  | M                    | 2010 |              | 4.0   | 9.1                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg        | 0.40  | 0.66                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l          | 0.010 | 0.098                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg        | 0.50  | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg        | 0.50  | 42                   |
| Arsenic                             | M                    | 2455 | mg/kg        | 0.5   | 7.3                  |
| Cadmium                             | M                    | 2455 | mg/kg        | 0.10  | 0.12                 |
| Chromium                            | M                    | 2455 | mg/kg        | 0.5   | 11                   |
| Copper                              | M                    | 2455 | mg/kg        | 0.50  | 9.8                  |
| Mercury                             | M                    | 2455 | mg/kg        | 0.05  | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg        | 0.50  | 8.5                  |
| Lead                                | M                    | 2455 | mg/kg        | 0.50  | 6.6                  |
| Selenium                            | M                    | 2455 | mg/kg        | 0.25  | 0.43                 |
| Vanadium                            | U                    | 2455 | mg/kg        | 0.5   | 17                   |
| Zinc                                | M                    | 2455 | mg/kg        | 0.50  | 26                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg        | 0.50  | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %            | 0.20  | < 0.20               |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg        | 5.0   | < 5.0                |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg        | 1.0   | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg        | 1.0   | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton - 223159

| Client: AA Environmental Ltd | Chemtest Job No.:    |      | 22-21600     |      |        |
|------------------------------|----------------------|------|--------------|------|--------|
| Quotation No.:               | Chemtest Sample ID.: |      | 1445502      |      |        |
|                              | Sample Location:     |      | E4/TP03 (SP) |      |        |
|                              | Sample Type:         |      | SOIL         |      |        |
|                              | Top Depth (m):       |      |              |      |        |
|                              | Bottom Depth (m):    |      |              |      |        |
|                              | Date Sampled:        |      | 08-Jun-2022  |      |        |
|                              | Asbestos Lab:        |      | DURHAM       |      |        |
| Determinand                  | Accred.              | SOP  | Units        | LOD  |        |
| Aromatic TPH >C10-C12        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg        | 1.0  | < 1.0  |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg        | 5.0  | < 5.0  |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg        | 10.0 | < 10   |
| Naphthalene                  | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthylene               | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Acenaphthene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluorene                     | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Phenanthrene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Anthracene                   | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Fluoranthene                 | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Pyrene                       | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Chrysene                     | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg        | 0.10 | < 0.10 |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg        | 2.0  | < 2.0  |
| Total Phenols                | M                    | 2920 | mg/kg        | 0.10 | < 0.10 |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21794-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 9                                                                                |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

**Project: Saunderton - 223159**

|                                     |                      |      |       |       |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-21794             | 22-21794             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1446564              | 1446565              |
|                                     | Sample Location:     |      |       |       | D4/TP02              | D4/TP02              |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.00                 | 0.50                 |
|                                     | Bottom Depth (m):    |      |       |       | 0.50                 | 1.35                 |
|                                     | Date Sampled:        |      |       |       | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | DURHAM               | DURHAM               |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 14                   | 21                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | Brown                | White                |
| Other Material                      | N                    | 2040 |       | N/A   | Stones and chalk     | None                 |
| Soil Texture                        | N                    | 2040 |       | N/A   | Sand                 | Chalk                |
| pH                                  | M                    | 2010 |       | 4.0   | 10.2                 | 9.3                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | 0.96                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.32                 | 0.020                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 3.1                  | 1.4                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | 5.3                  | < 0.5                |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | 0.19                 | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 9.3                  | 0.8                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 10                   | 1.0                  |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 9.6                  | 1.2                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 11                   | 0.84                 |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | 0.54                 | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 15                   | 1.2                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 35                   | 4.8                  |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 1.2                  | 1.6                  |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                |

## Results - Soil

**Project: Saunderton - 223159**

|                              |                      |      |       |      |             |             |
|------------------------------|----------------------|------|-------|------|-------------|-------------|
| Client: AA Environmental Ltd | Chemtest Job No.:    |      |       |      | 22-21794    | 22-21794    |
| Quotation No.:               | Chemtest Sample ID.: |      |       |      | 1446564     | 1446565     |
|                              | Sample Location:     |      |       |      | D4/TP02     | D4/TP02     |
|                              | Sample Type:         |      |       |      | SOIL        | SOIL        |
|                              | Top Depth (m):       |      |       |      | 0.00        | 0.50        |
|                              | Bottom Depth (m):    |      |       |      | 0.50        | 1.35        |
|                              | Date Sampled:        |      |       |      | 09-Jun-2022 | 09-Jun-2022 |
|                              | Asbestos Lab:        |      |       |      | DURHAM      | DURHAM      |
| Determinand                  | Accred.              | SOP  | Units | LOD  |             |             |
| Aromatic TPH >C12-C16        | M                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C16-C21        | U                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35        | M                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44        | N                    | 2680 | mg/kg | 1.0  | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons  | N                    | 2680 | mg/kg | 5.0  | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons | N                    | 2680 | mg/kg | 10.0 | < 10        | < 10        |
| Naphthalene                  | M                    | 2700 | mg/kg | 0.10 | 1.1         | < 0.10      |
| Acenaphthylene               | M                    | 2700 | mg/kg | 0.10 | 0.28        | < 0.10      |
| Acenaphthene                 | M                    | 2700 | mg/kg | 0.10 | 0.71        | < 0.10      |
| Fluorene                     | M                    | 2700 | mg/kg | 0.10 | 1.1         | < 0.10      |
| Phenanthrene                 | M                    | 2700 | mg/kg | 0.10 | 5.8         | < 0.10      |
| Anthracene                   | M                    | 2700 | mg/kg | 0.10 | 2.0         | < 0.10      |
| Fluoranthene                 | M                    | 2700 | mg/kg | 0.10 | 5.5         | < 0.10      |
| Pyrene                       | M                    | 2700 | mg/kg | 0.10 | 5.7         | < 0.10      |
| Benzo[a]anthracene           | M                    | 2700 | mg/kg | 0.10 | 2.6         | < 0.10      |
| Chrysene                     | M                    | 2700 | mg/kg | 0.10 | 3.0         | < 0.10      |
| Benzo[b]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | 2.4         | < 0.10      |
| Benzo[k]fluoranthene         | M                    | 2700 | mg/kg | 0.10 | 1.2         | < 0.10      |
| Benzo[a]pyrene               | M                    | 2700 | mg/kg | 0.10 | 2.2         | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene      | M                    | 2700 | mg/kg | 0.10 | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene        | M                    | 2700 | mg/kg | 0.10 | 0.43        | < 0.10      |
| Benzo[g,h,i]perylene         | M                    | 2700 | mg/kg | 0.10 | 1.0         | < 0.10      |
| Total Of 16 PAH's            | M                    | 2700 | mg/kg | 2.0  | 35          | < 2.0       |
| Total Phenols                | M                    | 2920 | mg/kg | 0.10 | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

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[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Amended Report

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|                               |                                                                                  |                          |             |
|-------------------------------|----------------------------------------------------------------------------------|--------------------------|-------------|
| <b>Report No.:</b>            | 22-21797-2                                                                       |                          |             |
| <b>Initial Date of Issue:</b> | 16-Jun-2022                                                                      | <b>Date of Re-Issue:</b> | 20-Jun-2022 |
| <b>Client</b>                 | AA Environmental Ltd                                                             |                          |             |
| <b>Client Address:</b>        | Units 4 to 8<br>Cholswell Court<br>Shippon<br>Abingdon<br>Oxfordshire<br>OX136HX |                          |             |
| <b>Contact(s):</b>            | Reporting                                                                        |                          |             |
| <b>Project</b>                | Saunderton - 223159                                                              |                          |             |
| <b>Quotation No.:</b>         |                                                                                  | <b>Date Received:</b>    | 13-Jun-2022 |
| <b>Order No.:</b>             |                                                                                  | <b>Date Instructed:</b>  | 13-Jun-2022 |
| <b>No. of Samples:</b>        | 11                                                                               |                          |             |
| <b>Turnaround (Wkdays):</b>   | 4                                                                                | <b>Results Due:</b>      | 16-Jun-2022 |
| <b>Date Approved:</b>         | 16-Jun-2022                                                                      |                          |             |
| <b>Approved By:</b>           |                                                                                  |                          |             |

**Details:** Stuart Henderson, Technical Manager

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## Results - Soil

### Project: Saunderton - 223159

|                                     |                      |      |       |       |                      |                      |                      |                      |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-21797             | 22-21797             | 22-21797             | 22-21797             | 22-21797             | 22-21797             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1446591              | 1446592              | 1446593              | 1446594              | 1446595              | 1446596              |
|                                     | Sample Location:     |      |       |       | D3/TP05              | D3/TP05              | C2/TP02              | C2/TP02              | E4/TP01 (SP)         | E4/TP02 (SP)         |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.60                 | 0.85                 | 0.00                 | 0.80                 |                      |                      |
|                                     | Bottom Depth (m):    |      |       |       | 0.85                 | 1.65                 | 0.70                 | 1.45                 |                      |                      |
|                                     | Date Sampled:        |      |       |       | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          | 09-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               | DURHAM               |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 9.0                  | 20                   | 18                   | 22                   | 19                   | 13                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | Brown                | White                | Brown                | White                | White                | Brown                |
| Other Material                      | N                    | 2040 |       | N/A   | Stones and chalk     | None                 | Stones and chalk     | None                 | None                 | Stones and chalk     |
| Soil Texture                        | N                    | 2040 |       | N/A   | Sand                 | Chalk                | Sand                 | Chalk                | Chalk                | Sand                 |
| pH                                  | M                    | 2010 |       | 4.0   | 10.5                 | 8.9                  | 11.2                 | 9.3                  | 9.1                  | 8.8                  |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | 0.79                 | < 0.40               | 0.96                 | < 0.40               | 0.58                 | 0.95                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.045                | 0.052                | 0.054                | 0.048                | 0.037                | 0.10                 |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 2.8                  | 1.6                  | 2.8                  | 1.7                  | 1.7                  | 1.1                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | 5.2                  | < 0.5                | 6.1                  | 1.0                  | 2.9                  | 3.1                  |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | < 0.10               | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 0.16                 |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 18                   | 1.2                  | 27                   | 3.1                  | 16                   | 6.1                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 7.3                  | 1.3                  | 9.1                  | 2.5                  | 4.1                  | 27                   |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 11                   | 1.4                  | 16                   | 2.9                  | 9.6                  | 6.8                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 9.8                  | 1.1                  | 8.5                  | 2.3                  | 4.3                  | 18                   |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 22                   | 1.6                  | 28                   | 3.7                  | 17                   | 9.7                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 25                   | 5.2                  | 22                   | 8.4                  | 16                   | 53                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 0.73                 | 4.1                  | 1.4                  | 0.38                 | 0.72                 | 0.68                 |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 350                  | 370                  | 340                  | 330                  |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 35                   | 39                   | 37                   | 36                   |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 59                   | 51                   | 68                   | 63                   |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 20                   | 9.4                  | 25                   | 13                   |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | 53                   | 69                   | 33                   |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | < 5.0                | < 5.0                | 460                  | 520                  | 540                  | 470                  |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: Saunderton - 223159**

|                                     |                             |            |              |             |             |             |              |              |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|--------------|--------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-21797     | 22-21797    | 22-21797    | 22-21797    | 22-21797     | 22-21797     |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1446591      | 1446592     | 1446593     | 1446594     | 1446595      | 1446596      |
|                                     | Sample Location:            |            | D3/TP05      | D3/TP05     | C2/TP02     | C2/TP02     | E4/TP01 (SP) | E4/TP02 (SP) |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL         | SOIL         |
|                                     | Top Depth (m):              |            | 0.60         | 0.85        | 0.00        | 0.80        |              |              |
|                                     | Bottom Depth (m):           |            | 0.85         | 1.65        | 0.70        | 1.45        |              |              |
|                                     | Date Sampled:               |            | 09-Jun-2022  | 09-Jun-2022 | 09-Jun-2022 | 09-Jun-2022 | 09-Jun-2022  | 09-Jun-2022  |
|                                     | Asbestos Lab:               |            | DURHAM       | DURHAM      | DURHAM      | DURHAM      | DURHAM       | DURHAM       |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |              |              |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | 36           | 69           |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0        | < 1.0        |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | 36           | 69           |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | 460          | 540          |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.46         |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.12         |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.50         |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.55         |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | 0.89        | < 0.10      | 0.66         | 5.7          |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | 0.10        | < 0.10      | 0.11         | 1.5          |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | 1.2         | < 0.10      | 1.5          | 8.8          |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | 1.4         | < 0.10      | 1.8          | 8.6          |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | 0.55        | < 0.10      | 0.64         | 3.8          |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | 0.16        | < 0.10      | 1.3          | 4.0          |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | 0.65        | < 0.10      | 0.81         | 4.1          |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | 0.32        | < 0.10      | 0.45         | 1.8          |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | 0.52        | < 0.10      | 0.68         | 3.4          |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 1.8          |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 0.50         |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | 1.8          |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | 5.8         | < 2.0       | 8.0          | 47           |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10       | < 0.10       |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Final Report

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**Report No.:** 22-22370-1  
**Initial Date of Issue:** 21-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 16-Jun-2022

**Order No.:** **Date Instructed:** 16-Jun-2022

**No. of Samples:** 6

**Turnaround (Wkdays):** 4 **Results Due:** 21-Jun-2022

**Date Approved:** 21-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |             |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22370     | 22-22370    | 22-22370             | 22-22370             | 22-22370             | 22-22370             | 22-22370             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1449180      | 1449181     | 1449182              | 1449183              | 1449184              | 1449185              | 1449185              |
|                                     | Sample Location:            |            | C2/TP03      | C2/TP03     | C3/TP02              | C3/TP02              | D3/TP01              | D3/TP01              |                      |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL                 | SOIL                 | SOIL                 | SOIL                 |                      |
|                                     | Top Depth (m):              |            | 0.00         | 1.20        | 0.00                 | 0.70                 | 0.00                 | 1.00                 |                      |
|                                     | Bottom Depth (m):           |            | 1.00         | 1.90        | 0.30                 | 1.10                 | 0.90                 | 1.50                 |                      |
|                                     | Date Sampled:               |            | 14-Jun-2022  | 14-Jun-2022 | 14-Jun-2022          | 14-Jun-2022          | 14-Jun-2022          | 14-Jun-2022          |                      |
|                                     | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB              | NEW-ASB              | NEW-ASB              | NEW-ASB              |                      |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A         | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A         | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                           | 2030       | %            | 0.020       | 17                   | 31                   | 13                   | 16                   | 17                   |
| Soil Colour                         | N                           | 2040       |              | N/A         | Brown                | White                | Brown                | Brown                | White                |
| Other Material                      | N                           | 2040       |              | N/A         | Stones               | Stones               | Stones               | Stones               | Stones               |
| Soil Texture                        | N                           | 2040       |              | N/A         | Clay                 | Clay                 | Clay                 | Clay                 | Clay                 |
| pH                                  | M                           | 2010       |              | 4.0         | 9.6                  | 8.4                  | 8.7                  | 8.6                  | 8.7                  |
| Boron (Hot Water Soluble)           | M                           | 2120       | mg/kg        | 0.40        | 0.57                 | < 0.40               | 0.88                 | 1.0                  | 2.3                  |
| Sulphate (2:1 Water Soluble) as SO4 | M                           | 2120       | g/l          | 0.010       | 0.16                 | 0.081                | 0.051                | 0.043                | 0.084                |
| Cyanide (Total)                     | M                           | 2300       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50        | 0.96                 | 0.79                 | < 0.50               | 0.56                 | 1.2                  |
| Arsenic                             | M                           | 2455       | mg/kg        | 0.5         | 1.4                  | 0.7                  | 2.2                  | 1.4                  | 2.0                  |
| Cadmium                             | M                           | 2455       | mg/kg        | 0.10        | < 0.10               | < 0.10               | 0.10                 | < 0.10               | < 0.10               |
| Chromium                            | M                           | 2455       | mg/kg        | 0.5         | 3.2                  | 1.6                  | 4.5                  | 5.2                  | 4.4                  |
| Copper                              | M                           | 2455       | mg/kg        | 0.50        | 2.9                  | 0.99                 | 5.0                  | 2.1                  | 4.2                  |
| Mercury                             | M                           | 2455       | mg/kg        | 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                           | 2455       | mg/kg        | 0.50        | 3.3                  | 1.6                  | 4.1                  | 3.9                  | 4.0                  |
| Lead                                | M                           | 2455       | mg/kg        | 0.50        | 6.4                  | 1.3                  | 10                   | 4.5                  | 11                   |
| Selenium                            | M                           | 2455       | mg/kg        | 0.25        | < 0.25               | < 0.25               | < 0.25               | < 0.25               | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5         | 4.6                  | 2.2                  | 6.1                  | 5.9                  | 6.0                  |
| Zinc                                | M                           | 2455       | mg/kg        | 0.50        | 15                   | 5.3                  | 25                   | 14                   | 26                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                           | 2625       | %            | 0.20        | 4.4                  | 2.0                  | 0.73                 | 3.3                  | 0.95                 |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C16-C21              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0         | < 5.0                | < 5.0                | < 5.0                | < 5.0                | < 5.0                |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                           | 2680       | mg/kg        | 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22370     | 22-22370    | 22-22370    | 22-22370    | 22-22370    | 22-22370    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1449180      | 1449181     | 1449182     | 1449183     | 1449184     | 1449185     |
|                                     | Sample Location:            |            | C2/TP03      | C2/TP03     | C3/TP02     | C3/TP02     | D3/TP01     | D3/TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.00         | 1.20        | 0.00        | 0.70        | 0.00        | 1.00        |
|                                     | Bottom Depth (m):           |            | 1.00         | 1.90        | 0.30        | 1.10        | 0.90        | 1.50        |
|                                     | Date Sampled:               |            | 14-Jun-2022  | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 | 14-Jun-2022 |
|                                     | Asbestos Lab:               |            | NEW-ASB      | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     | NEW-ASB     |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | < 5.0       | < 5.0       | < 5.0       | < 5.0       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | < 10        | < 10        | < 10        | < 10        |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 1.2         |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | 1.3         |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       | < 2.0       | 2.5         |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
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| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

---

### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





# Final Report

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**Report No.:** 22-22573-1  
**Initial Date of Issue:** 22-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 17-Jun-2022

**Order No.:** **Date Instructed:** 17-Jun-2022

**No. of Samples:** 6

**Turnaround (Wkdays):** 4 **Results Due:** 22-Jun-2022

**Date Approved:** 22-Jun-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                      |      |       |       |                      |                      |                      |                      |                      |                      |
|-------------------------------------|----------------------|------|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Client: AA Environmental Ltd        | Chemtest Job No.:    |      |       |       | 22-22573             | 22-22573             | 22-22573             | 22-22573             | 22-22573             | 22-22573             |
| Quotation No.:                      | Chemtest Sample ID.: |      |       |       | 1450213              | 1450214              | 1450215              | 1450216              | 1450217              | 1450218              |
| Order No.:                          | Client Sample Ref.:  |      |       |       | C4/TP02              | C4/TP02              | D3/TP04              | D3/TP04              | D4/TP01              | D4/TP01              |
|                                     | Sample Type:         |      |       |       | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | Top Depth (m):       |      |       |       | 0.00                 | 0.80                 | 0.00                 | 0.70                 | 0.00                 | 1.90                 |
|                                     | Bottom Depth (m):    |      |       |       | 0.50                 | 1.40                 | 0.20                 | 1.20                 | 0.25                 | 2.00                 |
|                                     | Date Sampled:        |      |       |       | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          | 15-Jun-2022          |
|                                     | Asbestos Lab:        |      |       |       | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| Determinand                         | Accred.              | SOP  | Units | LOD   |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                    | 2192 |       | N/A   | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                    | 2192 |       | N/A   | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Moisture                            | N                    | 2030 | %     | 0.020 | 17                   | 17                   | 11                   | 17                   | 12                   | 18                   |
| Soil Colour                         | N                    | 2040 |       | N/A   | White                | White                | Brown                | Beige                | Beige                | Beige                |
| Other Material                      | N                    | 2040 |       | N/A   | None                 | None                 | Stones               | Stones               | Stones               | None                 |
| Soil Texture                        | N                    | 2040 |       | N/A   | Clay                 | Clay                 | Gravel               | Clay                 | Clay                 | Clay                 |
| pH                                  | M                    | 2010 |       | 4.0   | 9.9                  | 10.0                 | 9.1                  | 11.4                 | 11.3                 | 11.2                 |
| Boron (Hot Water Soluble)           | M                    | 2120 | mg/kg | 0.40  | < 0.40               | < 0.40               | 6.7                  | 0.89                 | 0.79                 | 0.70                 |
| Sulphate (2:1 Water Soluble) as SO4 | M                    | 2120 | g/l   | 0.010 | 0.042                | 0.092                | 0.87                 | 0.14                 | 0.15                 | 0.085                |
| Cyanide (Total)                     | M                    | 2300 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | 0.90                 | 0.90                 | 0.80                 |
| Sulphide (Easily Liberatable)       | N                    | 2325 | mg/kg | 0.50  | 2.6                  | 3.1                  | 10                   | 2.0                  | 2.2                  | 2.2                  |
| Arsenic                             | M                    | 2455 | mg/kg | 0.5   | < 0.5                | 0.6                  | 7.5                  | 1.0                  | 0.8                  | 1.0                  |
| Cadmium                             | M                    | 2455 | mg/kg | 0.10  | < 0.10               | < 0.10               | 0.45                 | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | M                    | 2455 | mg/kg | 0.5   | 0.8                  | 1.3                  | 5.9                  | 1.6                  | 1.2                  | 2.6                  |
| Copper                              | M                    | 2455 | mg/kg | 0.50  | 2.8                  | 2.9                  | 77                   | 5.0                  | 2.3                  | 5.0                  |
| Mercury                             | M                    | 2455 | mg/kg | 0.05  | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | M                    | 2455 | mg/kg | 0.50  | 1.0                  | 1.1                  | 14                   | 2.1                  | 1.6                  | 5.8                  |
| Lead                                | M                    | 2455 | mg/kg | 0.50  | 1.5                  | 2.1                  | 130                  | 6.1                  | 2.0                  | 9.9                  |
| Selenium                            | M                    | 2455 | mg/kg | 0.25  | 0.28                 | 0.37                 | 0.68                 | 0.39                 | 0.26                 | < 0.25               |
| Vanadium                            | U                    | 2455 | mg/kg | 0.5   | 1.3                  | 1.7                  | 9.8                  | 2.3                  | 1.8                  | 2.7                  |
| Zinc                                | M                    | 2455 | mg/kg | 0.50  | 5.9                  | 7.5                  | 290                  | 20                   | 9.0                  | 15                   |
| Chromium (Hexavalent)               | N                    | 2490 | mg/kg | 0.50  | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | M                    | 2625 | %     | 0.20  | 4.3                  | 2.3                  | 4.8                  | 0.92                 | 1.8                  | 4.4                  |
| Aliphatic TPH >C5-C6                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 13                   | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C12-C16              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 19                   | < 1.0                | 6.1                  | < 1.0                |
| Aliphatic TPH >C16-C21              | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 47                   | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | M                    | 2680 | mg/kg | 1.0   | 62                   | < 1.0                | 350                  | 36                   | 120                  | 23                   |
| Aliphatic TPH >C35-C44              | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                    | 2680 | mg/kg | 5.0   | 62                   | < 5.0                | 430                  | 36                   | 130                  | 23                   |
| Aromatic TPH >C5-C7                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 8.0                  | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | 8.1                  | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | M                    | 2680 | mg/kg | 1.0   | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-22573     | 22-22573    | 22-22573    | 22-22573    | 22-22573    | 22-22573    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1450213      | 1450214     | 1450215     | 1450216     | 1450217     | 1450218     |
| Order No.:                          | Client Sample Ref.:         |            | C4/TP02      | C4/TP02     | D3/TP04     | D3/TP04     | D4/TP01     | D4/TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.00         | 0.80        | 0.00        | 0.70        | 0.00        | 1.90        |
|                                     | Bottom Depth (m):           |            | 0.50         | 1.40        | 0.20        | 1.20        | 0.25        | 2.00        |
|                                     | Date Sampled:               |            | 15-Jun-2022  | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 | 15-Jun-2022 |
|                                     | Asbestos Lab:               |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | M                           | 2680       | mg/kg        | 1.0         | 110         | 72          | 250         | 130         |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 110         | 72          | 270         | 130         |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 170         | 72          | 700         | 160         |
| Naphthalene                         | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthylene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Acenaphthene                        | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Fluorene                            | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |
| Phenanthrene                        | M                           | 2700       | mg/kg        | 0.10        | 0.35        | 0.85        | 0.89        | < 0.10      |
| Anthracene                          | M                           | 2700       | mg/kg        | 0.10        | 0.16        | 0.15        | 0.14        | < 0.10      |
| Fluoranthene                        | M                           | 2700       | mg/kg        | 0.10        | 0.44        | 1.3         | 1.4         | 0.52        |
| Pyrene                              | M                           | 2700       | mg/kg        | 0.10        | 0.51        | 1.2         | 1.2         | 0.58        |
| Benzo[a]anthracene                  | M                           | 2700       | mg/kg        | 0.10        | 0.25        | 0.86        | 0.85        | 0.22        |
| Chrysene                            | M                           | 2700       | mg/kg        | 0.10        | 0.38        | 1.3         | 1.5         | 0.48        |
| Benzo[b]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 1.1         | 1.2         | < 0.10      |
| Benzo[k]fluoranthene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.56        | 0.60        | < 0.10      |
| Benzo[a]pyrene                      | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.70        | 0.74        | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | 0.36        | 0.33        | < 0.10      |
| Dibenz(a,h)Anthracene               | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 0.20        | < 0.10      |
| Benzo[g,h,i]perylene                | M                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | 0.37        | < 0.10      |
| Total Of 16 PAH's                   | M                           | 2700       | mg/kg        | 2.0         | 2.1         | 8.4         | 9.5         | < 2.0       |
| Total Phenols                       | M                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
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| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |

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---

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| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
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| U/S | Unsuitable Sample                                                                                             |
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| <   | "less than"                                                                                                   |
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[customerservices@chemtest.com](mailto:customerservices@chemtest.com)





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# Final Report

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**Report No.:** 22-23669-1  
**Initial Date of Issue:** 28-Jun-2022  
**Client** AA Environmental Ltd

**Client Address:** Units 4 to 8  
Cholswell Court  
Shippon  
Abingdon  
Oxfordshire  
OX136HX

**Contact(s):** Reporting

**Project** 223159 Saunderton

**Quotation No.:** **Date Received:** 24-Jun-2022

**Order No.:** 223159 **Date Instructed:** 24-Jun-2022

**No. of Samples:** 13

**Turnaround (Wkdays):** 3 **Results Due:** 28-Jun-2022

**Date Approved:** 28-Jun-2022

**Approved By:**



**Details:** Stuart Henderson, Technical  
Manager

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## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |            |                      |                      |               |                      |                      |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-23669             | 22-23669             | 22-23669      | 22-23669             | 22-23669             | 22-23669             | 22-23669             | 22-23669             | 22-23669             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1454742              | 1454743              | 1454744       | 1454745              | 1454746              | 1454747              | 1454748              | 1454749              | 1454750              |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            |              |            | MG                   | NAT                  | MG            | NAT                  | MG                   | NAT                  | NAT                  | MG                   | NAT                  |
|                                     | <b>Sample Location:</b>     |            |              |            | C6-TP03              | C6-TP03              | C6-TP02       | C6-TP02              | C5-TP03              | C5-TP03              | D6-TP04              | D6-TP01              | D6-TP01              |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL          | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.3                  | 1                    | 0.2           | 1                    | 0.3                  | 1.5                  | 1.5                  | 0.3                  | 2                    |
|                                     | <b>Bottom Depth (m):</b>    |            |              |            | 0.5                  | 2                    | 0.4           | 1.9                  | 0.5                  | 2.4                  | 2.9                  | 0.5                  | 2.6                  |
|                                     | <b>Date Sampled:</b>        |            |              |            | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022   | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY             | COVENTRY             | COVENTRY      | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |               |                      |                      |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | Fibres/Clumps | -                    | -                    | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | Amosite       | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      | 0.002         |                      |                      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      | 0.002         |                      |                      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 8.5                  | 19                   | 12            | 20                   | 8.9                  | 19                   | 19                   | 3.7                  | 20                   |
| pH                                  | U                           | 2010       |              | 4.0        | 8.0                  | 8.2                  | 8.0           | 8.2                  | 8.1                  | 8.0                  | 6.7                  | 8.0                  | 8.5                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | 0.59                 | < 0.40               | 0.51          | < 0.40               | 0.73                 | < 0.40               | < 0.40               | 0.50                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | 0.47                 | 1.5                  | 0.20          | 0.34                 | 0.55                 | 0.029                | 0.086                | 0.51                 | 0.014                |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50        | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | 3.5                  | < 0.5                | 3.1           | < 0.5                | 4.4                  | < 0.5                | < 0.5                | 6.1                  | 1.0                  |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | < 0.10               | < 0.10               | < 0.10        | < 0.10               | < 0.10               | < 0.10               | < 0.10               | 1.3                  | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 6.8                  | 0.6                  | 9.7           | 0.7                  | 8.4                  | 1.3                  | 0.5                  | 16                   | 1.5                  |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 3.7                  | 1.3                  | 7.5           | 1.0                  | 4.2                  | 1.1                  | 0.73                 | 40                   | 24                   |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05        | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 6.1                  | 1.2                  | 7.5           | 1.1                  | 7.7                  | 1.4                  | 0.58                 | 12                   | 1.9                  |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 3.3                  | 0.84                 | 4.0           | 1.2                  | 4.6                  | 1.2                  | 0.59                 | 35                   | 2.7                  |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | < 0.25               | < 0.25               | < 0.25        | < 0.25               | < 0.25               | < 0.25               | < 0.25               | 0.39                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 11                   | 1.0                  | 9.3           | 0.9                  | 13                   | 1.4                  | 0.7                  | 25                   | 2.5                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 13                   | 4.2                  | 16            | 6.0                  | 14                   | 5.7                  | 4.4                  | 160                  | 18                   |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | 0.78                 | < 0.50               | < 0.50        | < 0.50               | 1.2                  | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | < 0.20               | 2.5                  | 0.54          | 1.9                  | 0.22                 | 2.8                  | 2.1                  | 2.4                  | 1.8                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | 7.3                  | 12                   | 12            | 13                   | 16                   | 8.2                  | 6.7                  | 6.7                  | 6.2                  |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | 31                   | 15                   | 22            | 26                   | 49                   | 13                   | 18                   | 12                   | 12                   |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | 40                   | 13                   | 33            | 24                   | 62                   | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | 110                  | 56                   | 480           | 61                   | 140                  | 17                   | 39                   | 120                  | 12                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 190                  | 96                   | 550           | 120                  | 270                  | 38                   | 64                   | 140                  | 30                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0         | < 1.0                | 3.2                  | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

### Project: 223159 Saunderton

|                                     |                             |            |              |             |             |             |             |             |             |             |             |          |          |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-23669     | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669    | 22-23669 | 22-23669 |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            | 1454742      | 1454743     | 1454744     | 1454745     | 1454746     | 1454747     | 1454748     | 1454749     | 1454750     |          |          |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            | MG           | NAT         | MG          | NAT         | MG          | NAT         | NAT         | MG          | NAT         |          |          |
|                                     | <b>Sample Location:</b>     |            | C6-TP03      | C6-TP03     | C6-TP02     | C6-TP02     | C5-TP03     | C5-TP03     | D6-TP04     | D6-TP01     | D6-TP01     |          |          |
|                                     | <b>Sample Type:</b>         |            | SOIL         | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        | SOIL        |          |          |
|                                     | <b>Top Depth (m):</b>       |            | 0.3          | 1           | 0.2         | 1           | 0.3         | 1.5         | 1.5         | 0.3         | 2           |          |          |
|                                     | <b>Bottom Depth (m):</b>    |            | 0.5          | 2           | 0.4         | 1.9         | 0.5         | 2.4         | 2.9         | 0.5         | 2.6         |          |          |
|                                     | <b>Date Sampled:</b>        |            | 22-Jun-2022  | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 |          |          |
|                                     | <b>Asbestos Lab:</b>        |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    | COVENTRY    |          |          |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |             |             |             |             |             |          |          |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0         | 88          | 22          | 98          | 29          | 30          | 14          | 20          | 17       | 14       |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0       | < 1.0    | < 1.0    |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 88          | 22          | 98          | 29          | 33          | 14          | 20          | 17       | 14       |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 280         | 120         | 650         | 150         | 300         | 52          | 84          | 150      | 44       |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10        | 4.2         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 13       | < 0.10   |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10        | 0.92        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 2.6      | < 0.10   |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10        | 6.4         | < 0.10      | < 0.10      | < 0.10      | 0.57        | < 0.10      | < 0.10      | 23       | < 0.10   |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10        | 6.7         | < 0.10      | < 0.10      | < 0.10      | 0.32        | < 0.10      | < 0.10      | 19       | < 0.10   |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10        | 3.8         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 8.8      | < 0.10   |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10        | 4.8         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 11       | < 0.10   |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | 4.3         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 12       | < 0.10   |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | 2.0         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 4.5      | < 0.10   |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10        | 3.2         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 8.6      | < 0.10   |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10        | 2.0         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 6.3      | < 0.10   |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10        | 0.86        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 1.5      | < 0.10   |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10        | 1.9         | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | 5.7      | < 0.10   |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0         | 41          | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | < 2.0       | 120      | < 2.0    |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10      | < 0.10   | < 0.10   |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |            |                      |                      |                      |                      |
|-------------------------------------|-----------------------------|------------|--------------|------------|----------------------|----------------------|----------------------|----------------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            |              |            | 22-23669             | 22-23669             | 22-23669             | 22-23669             |
| <b>Quotation No.:</b>               | <b>Chemtest Sample ID.:</b> |            |              |            | 1454751              | 1454752              | 1454753              | 1454754              |
| <b>Order No.: 223159</b>            | <b>Client Sample Ref.:</b>  |            |              |            | MG                   | NAT                  | MG                   | NAT                  |
|                                     | <b>Sample Location:</b>     |            |              |            | D5-TP04              | D5-TP04              | D5-TP01              | D5-TP01              |
|                                     | <b>Sample Type:</b>         |            |              |            | SOIL                 | SOIL                 | SOIL                 | SOIL                 |
|                                     | <b>Top Depth (m):</b>       |            |              |            | 0.3                  | 1                    | 0.3                  | 1.5                  |
|                                     | <b>Bottom Depth (m):</b>    |            |              |            | 0.5                  | 2                    | 0.9                  | 2.0                  |
|                                     | <b>Date Sampled:</b>        |            |              |            | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          | 22-Jun-2022          |
|                                     | <b>Asbestos Lab:</b>        |            |              |            | COVENTRY             | COVENTRY             | COVENTRY             | COVENTRY             |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b> |                      |                      |                      |                      |
| ACM Type                            | U                           | 2192       |              | N/A        | -                    | -                    | -                    | -                    |
| Asbestos Identification             | U                           | 2192       |              | N/A        | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected | No Asbestos Detected |
| Asbestos by Gravimetry              | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |
| Total Asbestos                      | U                           | 2192       | %            | 0.001      |                      |                      |                      |                      |
| Moisture                            | N                           | 2030       | %            | 0.020      | 4.9                  | 20                   | 11                   | 17                   |
| pH                                  | U                           | 2010       |              | 4.0        | 6.9                  | 7.4                  | 10.1                 | 8.6                  |
| Boron (Hot Water Soluble)           | U                           | 2120       | mg/kg        | 0.40       | 0.50                 | < 0.40               | 0.59                 | < 0.40               |
| Sulphate (2:1 Water Soluble) as SO4 | U                           | 2120       | g/l          | 0.010      | 0.15                 | 0.041                | 0.38                 | 0.14                 |
| Cyanide (Total)                     | U                           | 2300       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Sulphide (Easily Liberatable)       | N                           | 2325       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Arsenic                             | U                           | 2455       | mg/kg        | 0.5        | 9.7                  | < 0.5                | 3.6                  | < 0.5                |
| Cadmium                             | U                           | 2455       | mg/kg        | 0.10       | 0.31                 | < 0.10               | < 0.10               | < 0.10               |
| Chromium                            | U                           | 2455       | mg/kg        | 0.5        | 13                   | 0.5                  | 6.0                  | 0.7                  |
| Copper                              | U                           | 2455       | mg/kg        | 0.50       | 270                  | 1.0                  | 18                   | 1.6                  |
| Mercury                             | U                           | 2455       | mg/kg        | 0.05       | < 0.05               | < 0.05               | < 0.05               | < 0.05               |
| Nickel                              | U                           | 2455       | mg/kg        | 0.50       | 12                   | 0.66                 | 6.2                  | 0.90                 |
| Lead                                | U                           | 2455       | mg/kg        | 0.50       | 23                   | 0.67                 | 4.8                  | 0.84                 |
| Selenium                            | U                           | 2455       | mg/kg        | 0.25       | 0.26                 | < 0.25               | 0.54                 | < 0.25               |
| Vanadium                            | U                           | 2455       | mg/kg        | 0.5        | 21                   | 0.8                  | 11                   | 0.9                  |
| Zinc                                | U                           | 2455       | mg/kg        | 0.50       | 150                  | 4.7                  | 21                   | 5.2                  |
| Chromium (Hexavalent)               | N                           | 2490       | mg/kg        | 0.50       | < 0.50               | < 0.50               | < 0.50               | < 0.50               |
| Total Organic Carbon                | U                           | 2625       | %            | 0.20       | 4.0                  | 1.4                  | 0.75                 | 2.7                  |
| Aliphatic TPH >C5-C6                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C6-C8                | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C8-C10               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aliphatic TPH >C10-C12              | U                           | 2680       | mg/kg        | 1.0        | 5.4                  | 4.6                  | 5.3                  | 4.6                  |
| Aliphatic TPH >C12-C16              | U                           | 2680       | mg/kg        | 1.0        | 11                   | 7.7                  | 18                   | 13                   |
| Aliphatic TPH >C16-C21              | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | 13                   | < 1.0                |
| Aliphatic TPH >C21-C35              | U                           | 2680       | mg/kg        | 1.0        | 150                  | < 1.0                | 110                  | 26                   |
| Aliphatic TPH >C35-C44              | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Total Aliphatic Hydrocarbons        | N                           | 2680       | mg/kg        | 5.0        | 160                  | 12                   | 140                  | 43                   |
| Aromatic TPH >C5-C7                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C7-C8                 | N                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C8-C10                | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C10-C12               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |
| Aromatic TPH >C12-C16               | U                           | 2680       | mg/kg        | 1.0        | < 1.0                | < 1.0                | < 1.0                | < 1.0                |

## Results - Soil

**Project: 223159 Saunderton**

|                                     |                             |            |              |             |             |             |
|-------------------------------------|-----------------------------|------------|--------------|-------------|-------------|-------------|
| <b>Client: AA Environmental Ltd</b> | <b>Chemtest Job No.:</b>    |            | 22-23669     | 22-23669    | 22-23669    | 22-23669    |
| Quotation No.:                      | <b>Chemtest Sample ID.:</b> |            | 1454751      | 1454752     | 1454753     | 1454754     |
| Order No.: 223159                   | Client Sample Ref.:         |            | MG           | NAT         | MG          | NAT         |
|                                     | Sample Location:            |            | D5-TP04      | D5-TP04     | D5-TP01     | D5-TP01     |
|                                     | Sample Type:                |            | SOIL         | SOIL        | SOIL        | SOIL        |
|                                     | Top Depth (m):              |            | 0.3          | 1           | 0.3         | 1.5         |
|                                     | Bottom Depth (m):           |            | 0.5          | 2           | 0.9         | 2.0         |
|                                     | Date Sampled:               |            | 22-Jun-2022  | 22-Jun-2022 | 22-Jun-2022 | 22-Jun-2022 |
|                                     | Asbestos Lab:               |            | COVENTRY     | COVENTRY    | COVENTRY    | COVENTRY    |
| <b>Determinand</b>                  | <b>Accred.</b>              | <b>SOP</b> | <b>Units</b> | <b>LOD</b>  |             |             |
| Aromatic TPH >C16-C21               | U                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       |
| Aromatic TPH >C21-C35               | U                           | 2680       | mg/kg        | 1.0         | 21          | 58          |
| Aromatic TPH >C35-C44               | N                           | 2680       | mg/kg        | 1.0         | < 1.0       | < 1.0       |
| Total Aromatic Hydrocarbons         | N                           | 2680       | mg/kg        | 5.0         | 21          | 58          |
| Total Petroleum Hydrocarbons        | N                           | 2680       | mg/kg        | 10.0        | 190         | 70          |
| Naphthalene                         | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Acenaphthylene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Acenaphthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Fluorene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Phenanthrene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Anthracene                          | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Fluoranthene                        | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Pyrene                              | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[a]anthracene                  | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Chrysene                            | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[b]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[k]fluoranthene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[a]pyrene                      | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Indeno(1,2,3-c,d)Pyrene             | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Dibenz(a,h)Anthracene               | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Benzo[g,h,i]perylene                | U                           | 2700       | mg/kg        | 0.10        | < 0.10      | < 0.10      |
| Total Of 16 PAH's                   | U                           | 2700       | mg/kg        | 2.0         | < 2.0       | < 2.0       |
| Total Phenols                       | U                           | 2920       | mg/kg        | 0.10        | < 0.10      | < 0.10      |

## Test Methods

| SOP  | Title                                                               | Parameters included                                                                                                                                                                                                                                          | Method summary                                                                                                                                                                         |
|------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                   | pH                                                                                                                                                                                                                                                           | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)          | Moisture content                                                                                                                                                                                                                                             | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                             | Soil description                                                                                                                                                                                                                                             | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                 | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                         | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                            | Asbestos                                                                                                                                                                                                                                                     | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2300 | Cyanides & Thiocyanate in Soils                                     | Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate                                                                                                                                                                              | Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.                                                                                    |
| 2325 | Sulphide in Soils                                                   | Sulphide                                                                                                                                                                                                                                                     | Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.                                                           |
| 2490 | Hexavalent Chromium in Soils                                        | Chromium [VI]                                                                                                                                                                                                                                                | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2625 | Total Organic Carbon in Soils                                       | Total organic Carbon (TOC)                                                                                                                                                                                                                                   | Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.                                                                                             |
| 2680 | TPH A/A Split                                                       | Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44                                                                                | Dichloromethane extraction / GCxGC FID detection                                                                                                                                       |
| 2700 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID | Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene | Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)                                                   |
| 2920 | Phenols in Soils by HPLC                                            | Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.                                                                                                            | 60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.                                                                               |



## **Report Information**

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### **Key**

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

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### **Sample Deviation Codes**

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

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### **Sample Retention and Disposal**

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



**Comment**

WS116 V/B1 & V/B2.

**Project**

223159 - Saunderton

**Photo Plate**

1

**Date**

05/07/2022

**Originator**

Kieran Evans



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|                                                       |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Comment</b><br><br>Natural arisings at WS116 V/B1. | <b>Project</b><br>223159 - Saunderton                                                                                                                                                                                                                                                                                                                                                        |
|                                                       | <b>Photo Plate</b><br>2                                                                                                                                                                                                                                                                                                                                                                      |
|                                                       | <b>Date</b><br>05/07/2022                                                                                                                                                                                                                                                                                                                                                                    |
|                                                       | <b>Originator</b><br>Kieran Evans                                                                                                                                                                                                                                                                                                                                                            |
|                                                       | <div>  <div> <b>AA Environmental Limited</b><br/>           Units 4-8 Cholswell Court<br/>           Shippon, Abingdon<br/>           OX13 6HX<br/>           T: (01235) 536042<br/>           F: (01235) 523849<br/>           info@aae-ltd.co.uk<br/>           www.aae-ltd.co.uk         </div> </div> |





**Comment**

D3/TP02 verification excavation.

**Project**

223159 – Saunderton

**Photo Plate**

1

**Date**

15/06/2022

**Originator**

Kieran Evans



AAe

**AA Environmental Limited**

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