# APPENDIX D – LABORATORY CERTIFICATES

Laboratory Certificates

Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
Telephone: (01424) 718618

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UKAS TESTING 2683

mCERTS

## THE ENVIRONMENTAL LABORATORY LTD

| | |
|---|---|
| **Analytical Report Number:** | 19-21703 |
| **Issue:** | 1 |
| **Date of Issue:** | 12/02/2019 |
| **Contact:** | Lauren Stillwell |
| **Customer Details:** | Leap Environmental Ltd<br>The Atrium<br>Curtis Road<br>Dorking<br>Surrey<br>RH4 1X4 |
| **Quotation No:** | Q14-00063 |
| **Order No:** | LPO8902 |
| **Customer Reference:** | LP1412 |
| **Date Received:** | 08/02/2019 |
| **Date Approved:** | 12/02/2019 |
| **Details:** | New Road, Hillingdon |
| **Approved by:** | |

John Wilson, Operations Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

ELAB

## Sample Summary

**Report No.: 19-21703**

| Elab No. | Client's Ref. | Date Sampled | Date Scheduled | Description | Deviations |
|---|---|---|---|---|---|
| 164818 | Plot 1 BG Soil 0.10 | 07/02/2019 | 08/02/2019 | Sandy silty loam | |
| 164819 | Plot 2 BG Soil 0.35 | 07/02/2019 | 08/02/2019 | Loamy sand | |
| 164820 | Plot 5 BG Soil 0.05 | 07/02/2019 | 08/02/2019 | Sandy silty loam | |
| 164821 | Plot 6 BG Soil 0.10 | 07/02/2019 | 08/02/2019 | Sandy silty loam | |
| 164822 | Plot 5 FG Soil 0.30 | 07/02/2019 | 08/02/2019 | Loamy sand | |
| 164823 | Plot 6 FG Soil 0.10 | 07/02/2019 | 08/02/2019 | Sandy silty loam | |

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# Results Summary

**Report No.: 19-21703**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ELAB Reference | 164818 | 164819 | 164820 | 164821 | 164822 | 164823 |
| | | | Customer Reference | Soil | Soil | Soil | Soil | Soil | Soil |
| | | | Sample ID | | | | | | |
| | | | Sample Type | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | Sample Location | Plot 1 BG | Plot 2 BG | Plot 5 BG | Plot 6 BG | Plot 5 FG | Plot 6 FG |
| | | | Sample Depth (m) | 0.10 | 0.35 | 0.05 | 0.10 | 0.30 | 0.10 |
| | | | Sampling Date | 07/02/2019 | 07/02/2019 | 07/02/2019 | 07/02/2019 | 07/02/2019 | 07/02/2019 |
| **Determinand** | **Codes** | **Units** | **LOD** | | | | | | |
| **Metals** | | | | | | | | | |
| Arsenic | M | mg/kg | 1 | 12.9 | 12.1 | 13.7 | 13.0 | 13.8 | 15.0 |
| Cadmium | M | mg/kg | 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chromium | M | mg/kg | 5 | 23.5 | 22.5 | 22.5 | 21.5 | 25.0 | 24.1 |
| Copper | M | mg/kg | 5 | 39.4 | 32.7 | 43.3 | 41.2 | 36.3 | 44.2 |
| Lead | M | mg/kg | 5 | 160 | 65.0 | 131 | 133 | 53.4 | 159 |
| Mercury | M | mg/kg | 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Nickel | M | mg/kg | 5 | 15.1 | 18.4 | 15.7 | 15.4 | 17.3 | 17.7 |
| Selenium | M | mg/kg | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Zinc | M | mg/kg | 5 | 146 | 108 | 140 | 153 | 143 | 167 |
| **Inorganics** | | | | | | | | | |
| Hexavalent Chromium | N | mg/kg | 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 |
| **Miscellaneous** | | | | | | | | | |
| pH | M | pH units | 0.1 | 8.4 | 9.0 | 8.3 | 8.0 | 10.1 | 8.1 |
| Total Organic Carbon | N | % | 0.01 | 3.2 | 0.82 | 3.1 | 2.6 | 0.67 | 3.2 |
| **Polyaromatic hydrocarbons** | | | | | | | | | |
| Naphthalene | M | mg/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Acenaphthylene | M | mg/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Acenaphthene | M | mg/kg | 0.1 | < 0.1 | 0.2 | < 0.1 | < 0.1 | 0.3 | < 0.1 |
| Fluorene | M | mg/kg | 0.1 | < 0.1 | 0.2 | < 0.1 | < 0.1 | 0.3 | < 0.1 |
| Phenanthrene | M | mg/kg | 0.1 | 0.3 | 1.7 | 0.7 | 0.7 | 2.2 | 0.9 |
| Anthracene | M | mg/kg | 0.1 | 0.1 | 0.6 | 0.3 | 0.3 | 0.9 | 0.3 |
| Fluoranthene | M | mg/kg | 0.1 | 0.9 | 3.9 | 1.5 | 1.8 | 5.0 | 2.3 |
| Pyrene | M | mg/kg | 0.1 | 0.6 | 3.2 | 1.1 | 1.2 | 4.2 | 1.8 |
| Benzo(a)anthracene | M | mg/kg | 0.1 | 0.4 | 1.7 | 0.7 | 1.5 | 2.1 | 1.0 |
| Chrysene | M | mg/kg | 0.1 | 0.4 | 1.9 | 0.8 | 0.9 | 2.4 | 1.0 |
| Benzo(b)fluoranthene | M | mg/kg | 0.1 | 0.5 | 1.8 | 0.7 | 0.9 | 2.4 | 1.1 |
| Benzo(k)fluoranthene | M | mg/kg | 0.1 | 0.5 | 1.8 | 0.8 | 1.0 | 2.1 | 1.0 |
| Benzo(a)pyrene | M | mg/kg | 0.1 | 0.4 | 1.7 | 0.7 | 1.0 | 2.1 | 0.9 |
| Indeno(1,2,3-cd)pyrene | M | mg/kg | 0.1 | 0.3 | 1.1 | 0.4 | 0.6 | 1.5 | 0.6 |
| Dibenzo(a,h)anthracene | M | mg/kg | 0.1 | 0.1 | 0.3 | 0.1 | 0.1 | 0.4 | 0.2 |
| Benzo[g,h,i]perylene | M | mg/kg | 0.1 | 0.2 | 0.8 | 0.4 | 0.5 | 1.1 | 0.4 |
| Total PAH(16) | M | mg/kg | 0.4 | 4.7 | 21.2 | 8.5 | 10.9 | 26.9 | 11.7 |

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## Results Summary

**Report No.: 19-21703**

### Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

| Elab No | Depth (m) | Clients Reference | Description of Sample Matrix # | Asbestos Identification | Gravimetric Analysis Total (%) | Gravimetric Analysis by ACM Type (%) | Free Fibre Analysis (%) | Total Asbestos (%) |
|---|---|---|---|---|---|---|---|---|
| 164818 | 0.10 | Plot 1 BG Soil | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 164819 | 0.35 | Plot 2 BG Soil | Brown sandy soil, stones, glass | No asbestos detected | n/t | n/t | n/t | n/t |
| 164820 | 0.05 | Plot 5 BG Soil | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 164821 | 0.10 | Plot 6 BG Soil | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 164822 | 0.30 | Plot 5 FG Soil | Brown sandy soil, stones | No asbestos detected | n/t | n/t | n/t | n/t |
| 164823 | 0.10 | Plot 6 FG Soil | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |

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## Method Summary

**Report No.: 19-21703**

| Parameter | Codes | Analysis Undertaken On | Date Tested | Method Number | Technique |
|---|---|---|---|---|---|
| **Soil** | | | | | |
| Hexavalent chromium | N | As submitted sample | 11/02/2019 | 110 | Colorimetry |
| pH | M | Air dried sample | 12/02/2019 | 113 | Electromeric |
| Aqua regia extractable metals | M | Air dried sample | 11/02/2019 | 118 | ICPMS |
| PAH (GC-FID) | M | As submitted sample | 11/02/2019 | 133 | GC-FID |
| Total organic carbon/Total sulphur | N | Air dried sample | 12/02/2019 | 210 | IR |
| Asbestos identification | U | Air dried sample | 11/02/2019 | PMAN | Microscopy |

Tests marked N are not UKAS accredited

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## Report Information

**Report No.: 19-21703**

**Key**

| | |
|---|---|
| U | hold UKAS accreditation |
| M | hold MCERTS and UKAS accreditation |
| N | do not currently hold UKAS accreditation |
| ^ | MCERTS accreditation not applicable for sample matrix |
| * | UKAS accreditation not applicable for sample matrix |
| S | Subcontracted to approved laboratory UKAS Accredited for the test |
| SM | Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test |
| NS | Subcontracted to approved laboratory. UKAS accreditation is not applicable. |
| I/S | Insufficient Sample |
| U/S | Unsuitable sample |
| n/t | Not tested |
| < | means "less than" |
| > | means "greater than" |

Soil sample results are expressed on an air dried basis (dried at < 30°C)
ELAB are unable to provide an interpretation or opinion on the content of this report.
The results relate only to the items tested
PCB congener results may include any coeluting PCBs
Uncertainty of measurement for the determinands tested are available upon request

**Deviation Codes**

| | |
|---|---|
| a | No date of sampling supplied |
| b | No time of sampling supplied (Waters Only) |
| c | Sample not received in appropriate containers |
| d | Sample not received in cooled condition |
| e | The container has been incorrectly filled |
| f | Sample age exceeds stability time (sampling to receipt) |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

**Sample Retention and Disposal**

All soil samples will be retained for a period of one month
All water samples will be retained for 7 days following the date of the test report
Charges may apply to extended sample storage

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## THE ENVIRONMENTAL LABORATORY LTD

| | |
|---|---|
| **Analytical Report Number:** | 19-22193 |
| **Issue:** | 1 |
| **Date of Issue:** | 14/03/2019 |
| **Contact:** | Lauren Stillwell |
| **Customer Details:** | Leap Environmental Ltd<br>The Atrium<br>Curtis Road<br>Dorking<br>SurrevRH4 1X4 |
| **Quotation No:** | Q14-00063 |
| **Order No:** | LPO9054 |
| **Customer Reference:** | LP1412 |
| **Date Received:** | 12/03/2019 |
| **Date Approved:** | 14/03/2019 |
| **Details:** | New Road, Hillingdon |
| **Approved by:** | |

Mike Varley, Technical Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683

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## Sample Summary

**Report No.: 19-22193, issue number 1**

| Elab No. | Client's Ref. | Date Sampled | Date Scheduled | Description | Deviations |
|---|---|---|---|---|---|
| 167887 | Plot 1 FG 0.15 | 11/03/2019 | 12/03/2019 | Silty loam | |
| 167888 | Plot 1 BG 0.10 | 11/03/2019 | 12/03/2019 | Silty loam | |
| 167889 | Plot 1 BG 0.50 | 11/03/2019 | 12/03/2019 | Sand | |
| 167890 | Plot 2 BG 0.15 | 11/03/2019 | 12/03/2019 | Sandy silty loam | |
| 167891 | Plot 5 BG 0.15 | 11/03/2019 | 12/03/2019 | Silty loam | |
| 167892 | Plot 5 BG 0.50 | 11/03/2019 | 12/03/2019 | Loamy sand | |
| 167893 | Plot 7 FG 0.15 | 11/03/2019 | 12/03/2019 | Silty loam | |
| 167894 | Plot 7 FG 0.50 | 11/03/2019 | 12/03/2019 | Sand | |

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# Results Summary

**Report No.: 19-22193, issue number 1**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ELAB Reference | 167887 | 167888 | 167889 | 167890 | 167891 | 167892 |
| | | | Customer Reference | | | | | | |
| | | | Sample ID | | | | | | |
| | | | Sample Type | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | Sample Location | Plot 1 FG | Plot 1 BG | Plot 1 BG | Plot 2 BG | Plot 5 BG | Plot 5 BG |
| | | | Sample Depth (m) | 0.15 | 0.10 | 0.50 | 0.15 | 0.15 | 0.50 |
| | | | Sampling Date | 11/03/2019 | 11/03/2019 | 11/03/2019 | 11/03/2019 | 11/03/2019 | 11/03/2019 |
| **Determinand** | **Codes** | **Units** | **LOD** | | | | | | |
| **Metals** | | | | | | | | | |
| Arsenic | M | mg/kg | 1 | 17.2 | 11.5 | 9.3 | 12.6 | 10.1 | 11.1 |
| Cadmium | M | mg/kg | 0.5 | < 0.5 | < 0.5 | 0.9 | < 0.5 | < 0.5 | < 0.5 |
| Chromium | M | mg/kg | 5 | 35.2 | 22.6 | 15.6 | 21.6 | 17.6 | 19.0 |
| Copper | M | mg/kg | 5 | 32.0 | 29.9 | 16.3 | 33.1 | 26.0 | 26.4 |
| Lead | M | mg/kg | 5 | 106 | 95.2 | 34.1 | 114 | 98.0 | 53.7 |
| Mercury | M | mg/kg | 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Nickel | M | mg/kg | 5 | 19.3 | 14.1 | 10.3 | 13.8 | 12.1 | 16.0 |
| Selenium | M | mg/kg | 1 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| Zinc | M | mg/kg | 5 | 140 | 118 | 62.2 | 113 | 103 | 97.1 |
| **Inorganics** | | | | | | | | | |
| Hexavalent Chromium | N | mg/kg | 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 | < 0.8 |
| **Miscellaneous** | | | | | | | | | |
| pH | M | pH units | 0.1 | 8.2 | 8.7 | 9.8 | 8.5 | 8.4 | 8.6 |
| Total Organic Carbon | N | % | 0.01 | 2.8 | 2.4 | 0.40 | 3.4 | 3.2 | 0.66 |
| **Polyaromatic hydrocarbons** | | | | | | | | | |
| Naphthalene | M | mg/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Acenaphthylene | M | mg/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.5 | < 0.1 | < 0.1 |
| Acenaphthene | M | mg/kg | 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.6 | 0.1 | 0.2 |
| Fluorene | M | mg/kg | 0.1 | 0.1 | < 0.1 | < 0.1 | 0.2 | < 0.1 | 0.2 |
| Phenanthrene | M | mg/kg | 0.1 | 0.4 | 0.5 | 0.5 | 0.7 | 0.5 | 2.3 |
| Anthracene | M | mg/kg | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.7 |
| Fluoranthene | M | mg/kg | 0.1 | 1.2 | 1.4 | 1.0 | 2.3 | 1.8 | 5.2 |
| Pyrene | M | mg/kg | 0.1 | 0.9 | 1.0 | 0.8 | 1.2 | 1.0 | 4.5 |
| Benzo(a)anthracene | M | mg/kg | 0.1 | 0.8 | 1.8 | 0.5 | 0.7 | 1.2 | 2.4 |
| Chrysene | M | mg/kg | 0.1 | 0.6 | 0.6 | 0.4 | 0.7 | 0.5 | 2.6 |
| Benzo(b)fluoranthene | M | mg/kg | 0.1 | 0.6 | 0.5 | 0.3 | 0.7 | 0.6 | 2.4 |
| Benzo(k)fluoranthene | M | mg/kg | 0.1 | 1.0 | 1.0 | 0.5 | 1.4 | 1.4 | 2.8 |
| Benzo(a)pyrene | M | mg/kg | 0.1 | 0.6 | 0.6 | 0.3 | 0.8 | 0.9 | 2.3 |
| Indeno(1,2,3-cd)pyrene | M | mg/kg | 0.1 | 0.5 | 0.4 | 0.3 | 0.7 | 0.6 | 1.8 |
| Dibenzo(a,h)anthracene | M | mg/kg | 0.1 | 0.2 | 0.2 | < 0.1 | 0.4 | 0.4 | 0.4 |
| Benzo[g,h,i]perylene | M | mg/kg | 0.1 | 0.7 | 0.7 | 0.3 | 1.1 | 1.2 | 1.8 |
| Total PAH(16) | M | mg/kg | 0.4 | 7.6 | 8.9 | 5.3 | 12.2 | 10.4 | 29.6 |

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## Results Summary

**Report No.: 19-22193, issue number 1**

| | | |
|---|---|---|
| ELAB Reference | 167893 | 167894 |
| Customer Reference | | |
| Sample ID | | |
| Sample Type | SOIL | SOIL |
| Sample Location | Plot 7 FG | Plot 7 FG |
| Sample Depth (m) | 0.15 | 0.50 |
| Sampling Date | 11/03/2019 | 11/03/2019 |

| Determinand | Codes | Units | LOD | | |
|---|---|---|---|---|---|
| **Metals** | | | | | |
| Arsenic | M | mg/kg | 1 | 10.0 | 8.4 |
| Cadmium | M | mg/kg | 0.5 | < 0.5 | < 0.5 |
| Chromium | M | mg/kg | 5 | 21.4 | 8.7 |
| Copper | M | mg/kg | 5 | 25.6 | 7.2 |
| Lead | M | mg/kg | 5 | 79.6 | 14.6 |
| Mercury | M | mg/kg | 0.5 | < 0.5 | < 0.5 |
| Nickel | M | mg/kg | 5 | 12.4 | < 5.0 |
| Selenium | M | mg/kg | 1 | < 1.0 | < 1.0 |
| Zinc | M | mg/kg | 5 | 115 | 26.5 |
| **Inorganics** | | | | | |
| Hexavalent Chromium | N | mg/kg | 0.8 | < 0.8 | < 0.8 |
| **Miscellaneous** | | | | | |
| pH | M | pH units | 0.1 | 8.5 | 9.3 |
| Total Organic Carbon | N | % | 0.01 | 3.7 | 0.09 |
| **Polyaromatic hydrocarbons** | | | | | |
| Naphthalene | M | mg/kg | 0.1 | < 0.1 | < 0.1 |
| Acenaphthylene | M | mg/kg | 0.1 | 0.1 | < 0.1 |
| Acenaphthene | M | mg/kg | 0.1 | < 0.1 | < 0.1 |
| Fluorene | M | mg/kg | 0.1 | < 0.1 | < 0.1 |
| Phenanthrene | M | mg/kg | 0.1 | 0.5 | < 0.1 |
| Anthracene | M | mg/kg | 0.1 | 0.2 | < 0.1 |
| Fluoranthene | M | mg/kg | 0.1 | 2.3 | 0.2 |
| Pyrene | M | mg/kg | 0.1 | 1.2 | 0.1 |
| Benzo(a)anthracene | M | mg/kg | 0.1 | 2.8 | < 0.1 |
| Chrysene | M | mg/kg | 0.1 | 1.2 | < 0.1 |
| Benzo(b)fluoranthene | M | mg/kg | 0.1 | 1.7 | < 0.1 |
| Benzo(k)fluoranthene | M | mg/kg | 0.1 | 2.5 | 0.1 |
| Benzo(a)pyrene | M | mg/kg | 0.1 | 1.8 | < 0.1 |
| Indeno(1,2,3-cd)pyrene | M | mg/kg | 0.1 | 1.5 | < 0.1 |
| Dibenzo(a,h)anthracene | M | mg/kg | 0.1 | 0.4 | < 0.1 |
| Benzo[g,h,i]perylene | M | mg/kg | 0.1 | 1.8 | < 0.1 |
| Total PAH(16) | M | mg/kg | 0.4 | 18.4 | 1.0 |

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## Results Summary

**Report No.: 19-22193, issue number 1**

### Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

| Elab No | Depth (m) | Clients Reference | Description of Sample Matrix # | Asbestos Identification | Gravimetric Analysis Total (%) | Gravimetric Analysis by ACM Type (%) | Free Fibre Analysis (%) | Total Asbestos (%) |
|---|---|---|---|---|---|---|---|---|
| 167887 | 0.15 | Plot 1 FG | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 167888 | 0.10 | Plot 1 BG | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 167889 | 0.50 | Plot 1 BG | Light-brown loamy sand, stones | No asbestos detected | n/t | n/t | n/t | n/t |
| 167890 | 0.15 | Plot 2 BG | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 167891 | 0.15 | Plot 5 BG | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 167892 | 0.50 | Plot 5 BG | Light-brown loamy sand, stones, plant- | No asbestos detected | n/t | n/t | n/t | n/t |
| 167893 | 0.15 | Plot 7 FG | Brown soil, stones, plant-material | No asbestos detected | n/t | n/t | n/t | n/t |
| 167894 | 0.50 | Plot 7 FG | Light-brown loamy sand, stones, plant- | No asbestos detected | n/t | n/t | n/t | n/t |

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## Method Summary

**Report No.: 19-22193, issue number 1**

| Parameter | Codes | Analysis Undertaken On | Date Tested | Method Number | Technique |
|---|---|---|---|---|---|
| **Soil** | | | | | |
| Hexavalent chromium | N | As submitted sample | 13/03/2019 | 110 | Colorimetry |
| pH | M | Air dried sample | 14/03/2019 | 113 | Electromeric |
| Aqua regia extractable metals | M | Air dried sample | 13/03/2019 | 118 | ICPMS |
| PAH (GC-FID) | M | As submitted sample | 13/03/2019 | 133 | GC-FID |
| Total organic carbon/Total sulphur | N | Air dried sample | 13/03/2019 | 210 | IR |
| Asbestos identification | U | Air dried sample | 13/03/2019 | PMAN | Microscopy |

Tests marked N are not UKAS accredited

## Report Information

**Report No.: 19-22193, issue number 1**

| Key | |
|---|---|
| U | hold UKAS accreditation |
| M | hold MCERTS and UKAS accreditation |
| N | do not currently hold UKAS accreditation |
| ^ | MCERTS accreditation not applicable for sample matrix |
| * | UKAS accreditation not applicable for sample matrix |
| S | Subcontracted to approved laboratory UKAS Accredited for the test |
| SM | Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test |
| NS | Subcontracted to approved laboratory. UKAS accreditation is not applicable. |
| I/S | Insufficient Sample |
| U/S | Unsuitable sample |
| n/t | Not tested |
| < | means "less than" |
| > | means "greater than" |

Soil sample results are expressed on an air dried basis (dried at < 30°C)
ELAB are unable to provide an interpretation or opinion on the content of this report.
The results relate only to the items tested
PCB congener results may include any coeluting PCBs
Uncertainty of measurement for the determinands tested are available upon request
Unless otherwise stated, sample information has been provided by the client

**Deviation Codes**

| | |
|---|---|
| a | No date of sampling supplied |
| b | No time of sampling supplied (Waters Only) |
| c | Sample not received in appropriate containers |
| d | Sample not received in cooled condition |
| e | The container has been incorrectly filled |
| f | Sample age exceeds stability time (sampling to receipt) |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

**Sample Retention and Disposal**

All soil samples will be retained for a period of one month
All water samples will be retained for 7 days following the date of the test report
Charges may apply to extended sample storage