**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626049 | 1626050 | 1626051 | 1626052 |
|---|---|---|---|---|---|---|---|
| Sample Reference | | | | WS05 | WS06 | WS07 | WS08 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | 1.20 | 0.10 | 0.40 | 0.10 |
| Date Sampled | | | | 15/09/2020 | 15/09/2020 | 15/09/2020 | 15/09/2020 |
| Time Taken | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 1 | MCERTS | - | - | < 1.0 | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| Toluene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| Ethylbenzene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| p & m-xylene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| o-xylene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| MTBE (Methyl Tertiary Butyl Ether) | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| **Petroleum Hydrocarbons** | | | | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | < 1.0 | - |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | < 2.0 | - |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | - | - | < 8.0 | - |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | - | - | < 8.0 | - |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | < 10 | - |
| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | - |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | < 1.0 | - |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | < 2.0 | - |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | - | - | < 10 | - |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | - | - | < 10 | - |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | < 10 | - |
| **PCBs by GC-MS** | | | | | | | |
| PCB Congener 28 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 52 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - | < 0.001 | - | - |
| **Total PCBs by GC-MS** | | | | | | | |
| Total PCBs | mg/kg | 0.007 | MCERTS | - | < 0.007 | - | - |

U/S = Unsuitable Sample  I/S = Insufficient Sample

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626053 | 1626054 | 1626055 | 1626056 |
|---|---|---|---|---|---|---|---|
| Sample Reference | | | | WS08 | HP01 | BH01 | BH01 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | 1.70 | 0.10 | 0.40 | 0.60 |
| Date Sampled | | | | 15/09/2020 | 15/09/2020 | 16/09/2020 | 16/09/2020 |
| Time Taken | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| Stone Content | % | 0.1 | NONE | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Moisture Content | % | N/A | NONE | 14 | 5.2 | 8.8 | 5.7 |
| Total mass of sample received | kg | 0.001 | NONE | 1.2 | 1.2 | 1 | 1 |
| Asbestos in Soil | Type | N/A | ISO 17025 | - | Not-detected | - | - |
| **General Inorganics** | | | | | | | |
| pH - Automated | pH Units | N/A | MCERTS | - | 8.5 | 9.3 | - |
| Water Soluble Sulphate as SO4 16hr extraction (2:1) | mg/kg | 2.5 | MCERTS | - | 41 | 340 | - |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | g/l | 0.00125 | MCERTS | - | 0.021 | 0.17 | - |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | mg/l | 1.25 | MCERTS | - | 20.6 | 171 | - |
| Organic Matter | % | 0.1 | MCERTS | - | 4 | 2.5 | - |
| Total Organic Carbon (TOC) | % | 0.1 | MCERTS | 1.2 | 2.3 | - | - |
| **Speciated PAHs** | | | | | | | |
| Naphthalene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Acenaphthene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Fluorene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Phenanthrene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Anthracene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Fluoranthene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Pyrene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Chrysene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Benzo(b)fluoranthene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Benzo(k)fluoranthene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | - | < 0.05 | < 0.05 | - |
| **Total PAH** | | | | | | | |
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | MCERTS | - | < 0.80 | < 0.80 | - |
| **Heavy Metals / Metalloids** | | | | | | | |
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 12 | 12 | - |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | - | 0.2 | < 0.2 | - |
| Chromium (hexavalent) | mg/kg | 1.2 | MCERTS | - | < 1.2 | < 1.2 | - |
| Chromium (III) | mg/kg | 1 | NONE | - | 22 | 20 | - |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 22 | 20 | - |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 12 | 11 | - |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 17 | 18 | - |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | - | < 0.3 | < 0.3 | - |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 20 | 19 | - |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | - | < 1.0 | < 1.0 | - |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | - | 74 | 56 | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| Toluene | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| Ethylbenzene | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| p & m-xylene | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| o-xylene | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626053 | 1626054 | 1626055 | 1626056 |
|---|---|---|---|---|---|---|---|
| Sample Reference | | | | WS08 | HP01 | BH01 | BH01 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | 1.70 | 0.10 | 0.40 | 0.60 |
| Date Sampled | | | | 15/09/2020 | 15/09/2020 | 16/09/2020 | 16/09/2020 |
| Time Taken | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| Toluene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| Ethylbenzene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| p & m-xylene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| o-xylene | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| MTBE (Methyl Tertiary Butyl Ether) | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| **Petroleum Hydrocarbons** | | | | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | < 2.0 | < 2.0 |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | - | - | < 8.0 | < 8.0 |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | - | - | < 8.0 | < 8.0 |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | < 10 | < 10 |
| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | < 0.001 | < 0.001 |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | < 1.0 | < 1.0 |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | < 2.0 | < 2.0 |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | - | - | < 10 | < 10 |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | - | - | < 10 | < 10 |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | < 10 | < 10 |
| **PCBs by GC-MS** | | | | | | | |
| PCB Congener 28 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 52 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| **Total PCBs by GC-MS** | | | | | | | |
| Total PCBs | mg/kg | 0.007 | MCERTS | - | - | - | - |

U/S = Unsuitable Sample  I/S = Insufficient Sample

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626057 | 1626058 | 1626059 | 1626060 |
|---|---|---|---|---|---|---|---|
| **Sample Reference** | | | | BH02 | BH02 | TP101 | WS02 |
| **Sample Number** | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Depth (m)** | | | | 0.40 | 0.90 | 0.50 | None Supplied |
| **Date Sampled** | | | | 16/09/2020 | 16/09/2020 | 17/09/2020 | 14/09/2020 |
| **Time Taken** | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| Stone Content | % | 0.1 | NONE | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Moisture Content | % | N/A | NONE | 8.9 | 7.7 | 12 | 13 |
| Total mass of sample received | kg | 0.001 | NONE | 1 | 1.2 | 1.2 | 1 |
| Asbestos in Soil | Type | N/A | ISO 17025 | Not-detected | - | - | - |
| **General Inorganics** | | | | | | | |
| pH - Automated | pH Units | N/A | MCERTS | 7.6 | 8.8 | - | 8.3 |
| Water Soluble Sulphate as SO4 16hr extraction (2:1) | mg/kg | 2.5 | MCERTS | 76 | 17 | - | - |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | g/l | 0.00125 | MCERTS | 0.038 | 0.0087 | - | 0.24 |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | mg/l | 1.25 | MCERTS | 38.2 | 8.7 | - | - |
| Organic Matter | % | 0.1 | MCERTS | 2.1 | 0.2 | - | - |
| Total Organic Carbon (TOC) | % | 0.1 | MCERTS | 1.2 | - | 2 | - |
| **Speciated PAHs** | | | | | | | |
| Naphthalene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Acenaphthene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Fluorene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Phenanthrene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Anthracene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Fluoranthene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Pyrene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Chrysene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Benzo(b)fluoranthene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Benzo(k)fluoranthene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | < 0.05 | < 0.05 | - | - |
| **Total PAH** | | | | | | | |
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | MCERTS | < 0.80 | < 0.80 | - | - |
| **Heavy Metals / Metalloids** | | | | | | | |
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | 9.8 | 13 | - | - |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | < 0.2 | < 0.2 | - | - |
| Chromium (hexavalent) | mg/kg | 1.2 | MCERTS | < 1.2 | < 1.2 | - | - |
| Chromium (III) | mg/kg | 1 | NONE | 18 | 10 | - | - |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | 18 | 10 | - | - |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | 10 | 4.7 | - | - |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | 18 | 6.1 | - | - |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | < 0.3 | < 0.3 | - | - |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | 14 | 13 | - | - |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | < 1.0 | < 1.0 | - | - |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | 45 | 24 | - | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| Toluene | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| Ethylbenzene | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| p & m-xylene | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| o-xylene | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626057 | 1626058 | 1626059 | 1626060 |
|---|---|---|---|---|---|---|---|
| Sample Reference | | | | BH02 | BH02 | TP101 | WS02 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | 0.40 | 0.90 | 0.50 | None Supplied |
| Date Sampled | | | | 16/09/2020 | 16/09/2020 | 17/09/2020 | 14/09/2020 |
| Time Taken | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| Toluene | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| Ethylbenzene | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| p & m-xylene | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| o-xylene | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| MTBE (Methyl Tertiary Butyl Ether) | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| **Petroleum Hydrocarbons** | | | | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | < 2.0 | - | - | - |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | < 8.0 | - | - | - |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | < 8.0 | - | - | - |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | MCERTS | < 10 | - | - | - |
| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | < 0.001 | - | - | - |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | < 1.0 | - | - | - |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | < 2.0 | - | - | - |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | < 10 | - | - | - |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | < 10 | - | - | - |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | MCERTS | < 10 | - | - | - |
| **PCBs by GC-MS** | | | | | | | |
| PCB Congener 28 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 52 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| **Total PCBs by GC-MS** | | | | | | | |
| Total PCBs | mg/kg | 0.007 | MCERTS | - | - | - | - |

U/S = Unsuitable Sample  I/S = Insufficient Sample

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626061 | 1626062 | 1626063 | 1626064 |
|---|---|---|---|---|---|---|---|
| **Sample Reference** | | | | WS04 | WS06 | WS07 | WS09 |
| **Sample Number** | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Depth (m)** | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Date Sampled** | | | | 14/09/2020 | 15/09/2020 | 15/09/2020 | 15/09/2020 |
| **Time Taken** | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| Stone Content | % | 0.1 | NONE | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Moisture Content | % | N/A | NONE | 13 | 12 | 11 | 12 |
| Total mass of sample received | kg | 0.001 | NONE | 0.5 | 0.5 | 0.5 | 0.5 |
| Asbestos in Soil | Type | N/A | ISO 17025 | - | - | - | - |
| **General Inorganics** | | | | | | | |
| pH - Automated | pH Units | N/A | MCERTS | 8.5 | 8.3 | 8.5 | 8.4 |
| Water Soluble Sulphate as SO4 16hr extraction (2:1) | mg/kg | 2.5 | MCERTS | - | - | - | - |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | g/l | 0.00125 | MCERTS | 0.034 | 0.019 | 0.011 | 0.053 |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | mg/l | 1.25 | MCERTS | - | - | - | - |
| Organic Matter | % | 0.1 | MCERTS | - | - | - | - |
| Total Organic Carbon (TOC) | % | 0.1 | MCERTS | - | - | - | - |
| **Speciated PAHs** | | | | | | | |
| Naphthalene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Acenaphthene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Fluorene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Phenanthrene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Anthracene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Fluoranthene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Pyrene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Chrysene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Benzo(b)fluoranthene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Benzo(k)fluoranthene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | - | - | - | - |
| **Total PAH** | | | | | | | |
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | MCERTS | - | - | - | - |
| **Heavy Metals / Metalloids** | | | | | | | |
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | - | - | - | - |
| Chromium (hexavalent) | mg/kg | 1.2 | MCERTS | - | - | - | - |
| Chromium (III) | mg/kg | 1 | NONE | - | - | - | - |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | - | - | - | - |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | - | - | - | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | µg/kg | 1 | MCERTS | - | - | - | - |
| Toluene | µg/kg | 1 | MCERTS | - | - | - | - |
| Ethylbenzene | µg/kg | 1 | MCERTS | - | - | - | - |
| p & m-xylene | µg/kg | 1 | MCERTS | - | - | - | - |
| o-xylene | µg/kg | 1 | MCERTS | - | - | - | - |

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626061 | 1626062 | 1626063 | 1626064 |
|---|---|---|---|---|---|---|---|
| Sample Reference | | | | WS04 | WS06 | WS07 | WS09 |
| Sample Number | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m) | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| Date Sampled | | | | 14/09/2020 | 15/09/2020 | 15/09/2020 | 15/09/2020 |
| Time Taken | | | | None Supplied | None Supplied | None Supplied | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | | | | |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 1 | MCERTS | - | - | - | - |
| **Monoaromatics & Oxygenates** | | | | | | | |
| Benzene | mg/kg | 0.001 | MCERTS | - | - | - | - |
| Toluene | mg/kg | 0.001 | MCERTS | - | - | - | - |
| Ethylbenzene | mg/kg | 0.001 | MCERTS | - | - | - | - |
| p & m-xylene | mg/kg | 0.001 | MCERTS | - | - | - | - |
| o-xylene | mg/kg | 0.001 | MCERTS | - | - | - | - |
| MTBE (Methyl Tertiary Butyl Ether) | mg/kg | 0.001 | MCERTS | - | - | - | - |
| **Petroleum Hydrocarbons** | | | | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | - | - | - | - |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | - | - | - | - |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - | - | - | - |
| **PCBs by GC-MS** | | | | | | | |
| PCB Congener 28 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 52 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - | - | - | - |
| **Total PCBs by GC-MS** | | | | | | | |
| Total PCBs | mg/kg | 0.007 | MCERTS | - | - | - | - |

U/S = Unsuitable Sample  I/S = Insufficient Sample

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| | | | | |
|---|---|---|---|---|
| **Lab Sample Number** | | | | 1626065 |
| **Sample Reference** | | | | BH02 |
| **Sample Number** | | | | None Supplied |
| **Depth (m)** | | | | None Supplied |
| **Date Sampled** | | | | 17/09/2020 |
| **Time Taken** | | | | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | |
| Stone Content | % | 0.1 | NONE | < 0.1 |
| Moisture Content | % | N/A | NONE | 15 |
| Total mass of sample received | kg | 0.001 | NONE | 0.5 |
| Asbestos in Soil | Type | N/A | ISO 17025 | - |
| **General Inorganics** | | | | |
| pH - Automated | pH Units | N/A | MCERTS | 8.4 |
| Water Soluble Sulphate as SO4 16hr extraction (2:1) | mg/kg | 2.5 | MCERTS | - |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | g/l | 0.00125 | MCERTS | 0.054 |
| Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent) | mg/l | 1.25 | MCERTS | - |
| Organic Matter | % | 0.1 | MCERTS | - |
| Total Organic Carbon (TOC) | % | 0.1 | MCERTS | - |
| **Speciated PAHs** | | | | |
| Naphthalene | mg/kg | 0.05 | MCERTS | - |
| Acenaphthylene | mg/kg | 0.05 | MCERTS | - |
| Acenaphthene | mg/kg | 0.05 | MCERTS | - |
| Fluorene | mg/kg | 0.05 | MCERTS | - |
| Phenanthrene | mg/kg | 0.05 | MCERTS | - |
| Anthracene | mg/kg | 0.05 | MCERTS | - |
| Fluoranthene | mg/kg | 0.05 | MCERTS | - |
| Pyrene | mg/kg | 0.05 | MCERTS | - |
| Benzo(a)anthracene | mg/kg | 0.05 | MCERTS | - |
| Chrysene | mg/kg | 0.05 | MCERTS | - |
| Benzo(b)fluoranthene | mg/kg | 0.05 | MCERTS | - |
| Benzo(k)fluoranthene | mg/kg | 0.05 | MCERTS | - |
| Benzo(a)pyrene | mg/kg | 0.05 | MCERTS | - |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.05 | MCERTS | - |
| Dibenz(a,h)anthracene | mg/kg | 0.05 | MCERTS | - |
| Benzo(ghi)perylene | mg/kg | 0.05 | MCERTS | - |
| **Total PAH** | | | | |
| Speciated Total EPA-16 PAHs | mg/kg | 0.8 | MCERTS | - |
| **Heavy Metals / Metalloids** | | | | |
| Arsenic (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Cadmium (aqua regia extractable) | mg/kg | 0.2 | MCERTS | - |
| Chromium (hexavalent) | mg/kg | 1.2 | MCERTS | - |
| Chromium (III) | mg/kg | 1 | NONE | - |
| Chromium (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Copper (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Lead (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Mercury (aqua regia extractable) | mg/kg | 0.3 | MCERTS | - |
| Nickel (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Selenium (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| Zinc (aqua regia extractable) | mg/kg | 1 | MCERTS | - |
| **Monoaromatics & Oxygenates** | | | | |
| Benzene | µg/kg | 1 | MCERTS | - |
| Toluene | µg/kg | 1 | MCERTS | - |
| Ethylbenzene | µg/kg | 1 | MCERTS | - |
| p & m-xylene | µg/kg | 1 | MCERTS | - |
| o-xylene | µg/kg | 1 | MCERTS | - |

**Analytical Report Number: 20-31170**
**Project / Site name: Hostmoor Avenue, March**
**Your Order No: 1271**

| Lab Sample Number | | | | 1626065 |
|---|---|---|---|---|
| Sample Reference | | | | BH02 |
| Sample Number | | | | None Supplied |
| Depth (m) | | | | None Supplied |
| Date Sampled | | | | 17/09/2020 |
| Time Taken | | | | None Supplied |
| **Analytical Parameter (Soil Analysis)** | **Units** | **Limit of detection** | **Accreditation Status** | |
| MTBE (Methyl Tertiary Butyl Ether) | µg/kg | 1 | MCERTS | - |
| **Monoaromatics & Oxygenates** | | | | |
| Benzene | mg/kg | 0.001 | MCERTS | - |
| Toluene | mg/kg | 0.001 | MCERTS | - |
| Ethylbenzene | mg/kg | 0.001 | MCERTS | - |
| p & m-xylene | mg/kg | 0.001 | MCERTS | - |
| o-xylene | mg/kg | 0.001 | MCERTS | - |
| MTBE (Methyl Tertiary Butyl Ether) | mg/kg | 0.001 | MCERTS | - |
| **Petroleum Hydrocarbons** | | | | |
| TPH-CWG - Aliphatic >EC5 - EC6 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aliphatic >EC6 - EC8 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aliphatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aliphatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - |
| TPH-CWG - Aliphatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - |
| TPH-CWG - Aliphatic >EC16 - EC21 | mg/kg | 8 | MCERTS | - |
| TPH-CWG - Aliphatic >EC21 - EC35 | mg/kg | 8 | MCERTS | - |
| TPH-CWG - Aliphatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - |
| TPH-CWG - Aromatic >EC5 - EC7 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aromatic >EC7 - EC8 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aromatic >EC8 - EC10 | mg/kg | 0.001 | MCERTS | - |
| TPH-CWG - Aromatic >EC10 - EC12 | mg/kg | 1 | MCERTS | - |
| TPH-CWG - Aromatic >EC12 - EC16 | mg/kg | 2 | MCERTS | - |
| TPH-CWG - Aromatic >EC16 - EC21 | mg/kg | 10 | MCERTS | - |
| TPH-CWG - Aromatic >EC21 - EC35 | mg/kg | 10 | MCERTS | - |
| TPH-CWG - Aromatic (EC5 - EC35) | mg/kg | 10 | MCERTS | - |
| **PCBs by GC-MS** | | | | |
| PCB Congener 28 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 52 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 101 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 118 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 138 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 153 | mg/kg | 0.001 | MCERTS | - |
| PCB Congener 180 | mg/kg | 0.001 | MCERTS | - |
| **Total PCBs by GC-MS** | | | | |
| Total PCBs | mg/kg | 0.007 | MCERTS | - |

U/S = Unsuitable Sample  I/S = Insufficient Sample

**Analytical Report Number : 20-31170**
**Project / Site name: Hostmoor Avenue, March**

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

| Lab Sample Number | Sample Reference | Sample Number | Depth (m) | Sample Description * |
|---|---|---|---|---|
| 1626045 | WS01 | None Supplied | 0.3 | Brown loam and clay with gravel. |
| 1626046 | WS01 | None Supplied | 2.4 | Brown clay with gravel. |
| 1626047 | WS03 | None Supplied | 0.2 | Brown loam and clay with gravel. |
| 1626048 | WS04 | None Supplied | 0.7 | Brown loam and clay with gravel. |
| 1626049 | WS05 | None Supplied | 1.2 | Brown loam and clay with gravel. |
| 1626050 | WS06 | None Supplied | 0.1 | Brown loam with gravel and vegetation. |
| 1626051 | WS07 | None Supplied | 0.4 | Brown loam with gravel and vegetation. |
| 1626053 | WS08 | None Supplied | 1.7 | Brown loam and clay with gravel. |
| 1626054 | HP01 | None Supplied | 0.1 | Brown loam with gravel and vegetation. |
| 1626055 | BH01 | None Supplied | 0.4 | Brown loam and clay with gravel. |
| 1626056 | BH01 | None Supplied | 0.6 | Brown loam and sand with gravel. |
| 1626057 | BH02 | None Supplied | 0.4 | Brown loam and clay with gravel. |
| 1626058 | BH02 | None Supplied | 0.9 | Brown loam and sand with gravel. |
| 1626059 | TP101 | None Supplied | 0.5 | Brown loam and clay with gravel. |
| 1626060 | WS02 | None Supplied | None Supplied | Brown clay with gravel. |
| 1626061 | WS04 | None Supplied | None Supplied | Brown clay with gravel. |
| 1626062 | WS06 | None Supplied | None Supplied | Brown clay and sand with gravel. |
| 1626063 | WS07 | None Supplied | None Supplied | Brown clay with gravel. |
| 1626064 | WS09 | None Supplied | None Supplied | Brown clay with gravel. |
| 1626065 | BH02 | None Supplied | None Supplied | Brown clay with gravel. |

**Analytical Report Number : 20-31170**
**Project / Site name: Hostmoor Avenue, March**

**Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)**

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|---|---|---|---|---|---|
| Sulphate, water soluble, in soil (16hr extraction) | Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent). | In house method. | L038-PL | D | MCERTS |
| Metals in soil by ICP-OES | Determination of metals in soil by aqua-regia digestion followed by ICP-OES. | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil. | L038-PL | D | MCERTS |
| Asbestos identification in soil | Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques. | In house method based on HSG 248 | A001-PL | D | ISO 17025 |
| Hexavalent chromium in soil (Lower Level) | Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry. | In-house method | L080-PL | W | MCERTS |
| Moisture Content | Moisture content, determined gravimetrically. (30 oC) | In house method. | L019-UK/PL | W | NONE |
| Organic matter (Automated) in soil | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate. | In house method. | L009-PL | D | MCERTS |
| Speciated EPA-16 PAHs in soil | Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards. | In-house method based on USEPA 8270 | L064-PL | D | MCERTS |
| PCB's By GC-MS in soil | Determination of PCB by extraction with acetone and hexane followed by GC-MS. | In-house method based on USEPA 8082 | L027-PL | D | MCERTS |
| pH in soil (automated) | Determination of pH in soil by addition of water followed by automated electrometric measurement. | In house method. | L099-PL | D | MCERTS |
| Stones content of soil | Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight. | In-house method based on British Standard Methods and MCERTS requirements. | L019-UK/PL | D | NONE |
| Total organic carbon (Automated) in soil | Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate. | In house method. | L009-PL | D | MCERTS |
| BTEX and MTBE in soil (Monoaromatics) | Determination of BTEX in soil by headspace GC-MS. | In-house method based on USEPA8260 | L073B-PL | W | MCERTS |
| Cr (III) in soil | In-house method by calculation from total Cr and Cr VI. | In-house method by calculation | L080-PL | W | NONE |
| TPHCWG (Soil) | Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID. | In-house method with silica gel split/clean up. | L088/76-PL | W | MCERTS |
| BTEX and MTBE in soil (Monoaromatics) | Determination of BTEX in soil by headspace GC-MS. | In-house method based on USEPA8260 | L073B-PL | W | MCERTS |
| Sulphate, water soluble, in soil | Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent). | In house method. | L038-PL | D | MCERTS |

**Analytical Report Number : 20-31170**
**Project / Site name: Hostmoor Avenue, March**

**Water matrix abbreviations: Surface Water (SW)  Potable Water (PW)  Ground Water (GW)**

| Analytical Test Name | Analytical Method Description | Analytical Method Reference | Method number | Wet / Dry Analysis | Accreditation Status |
|---|---|---|---|---|---|

**For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.**
**For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.**
**Soil analytical results are expressed on a dry weight basis.  Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.**