

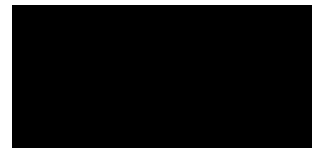
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## **Preliminary Report Number : 23-43857**

|                             |   |  |            |
|-----------------------------|---|--|------------|
| <b>Project / Site name:</b> | Stoney Hill   | <b>Samples received on:</b>                            | 10/07/2023 |
| <b>Your job number:</b>     | 28367   | <b>Samples instructed on/<br/>Analysis started on:</b> | 10/07/2023 |
| <b>Your order number:</b>   | CB 2023 079   | <b>Analysis completed by:</b>                          | -/-        |
| <b>Report Issue Number:</b> | 0   | <b>Report issued on:</b>                               | 14/07/2023 |
| <b>Samples Analysed:</b>    | 1 leachate sample - 1 soil sample - 7 water samples |  |            |



Junior Reporting Specialist  
**For & on behalf of i2 Analytical Ltd.**

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

|           |                           |
|-----------|---------------------------|
| soils     | - 4 weeks from reporting  |
| leachates | - 2 weeks from reporting  |
| waters    | - 2 weeks from reporting  |
| asbestos  | - 6 months from reporting |

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 23-43857  
 Project / Site name: Stoney Hill  
 Your Order No: CB 2023 079

| <b>Lab Sample Number</b>                        |              |                           |                                 | 2740931       |
|---|--------------|---------------------------|---------------------------------|---------------|
| <b>Sample Reference</b>                         |              |                           |                                 | TW1 (S)       |
| <b>Sample Number</b>                            |              |                           |                                 | None Supplied |
| <b>Depth (m)</b>                                |              |                           |                                 | None Supplied |
| <b>Date Sampled</b>                             |              |                           |                                 | 04/07/2023    |
| <b>Time Taken</b>                               |              |                           |                                 | None Supplied |
| <b>Analytical Parameter<br/>(Soil Analysis)</b> | <b>Units</b> | <b>Limit of detection</b> | <b>Accreditation<br/>Status</b> |               |
| Stone Content                                   | %            | 0.1                       | NONE                            | < 0.1         |
| Moisture Content                                | %            | 0.01                      | NONE                            | 25            |
| Total mass of sample received                   | kg           | 0.001                     | NONE                            | 0.7           |

#### General Inorganics

|                          |          |     |        |       |
|--------------------------|----------|-----|--------|-------|
| pH - Automated           | pH Units | N/A | MCERTS | 7.7   |
| Total Sulphate as SO4    | mg/kg    | 50  | MCERTS | 1000  |
| Sulphide                 | mg/kg    | 1   | MCERTS | < 1.0 |
| Ammoniacal Nitrogen as N | mg/kg    | 0.5 | MCERTS | < 0.5 |

#### Heavy Metals / Metalloids

|                                   |       |   |           |       |
|-----------------------------------|-------|---|-----------|-------|
| Antimony (aqua regia extractable) | mg/kg | 1 | ISO 17025 | < 1.0 |
| Copper (aqua regia extractable)   | mg/kg | 1 | MCERTS    | 32    |
| Zinc (aqua regia extractable)     | mg/kg | 1 | MCERTS    | 210   |

#### VOCs

|                                       |       |   |           |       |
|---------------------------------------|-------|---|-----------|-------|
| Chloromethane##                       | µg/kg | 5 | ISO 17025 | < 5.0 |
| Chloroethane                          | µg/kg | 5 | NONE      | < 5.0 |
| Bromomethane##                        | µg/kg | 5 | ISO 17025 | < 5.0 |
| Vinyl Chloride                        | µg/kg | 5 | NONE      | < 5.0 |
| Trichlorofluoromethane                | µg/kg | 5 | NONE      | < 5.0 |
| 1,1-dichloroethene                    | µg/kg | 5 | NONE      | < 5.0 |
| 1,1,2-Trichloro 1,2,2-Trifluoroethane | µg/kg | 5 | NONE      | < 5.0 |
| Trans 1,2-dichloroethylene            | µg/kg | 5 | NONE      | < 5.0 |
| MTBE (Methyl Tertiary Butyl Ether)    | µg/kg | 5 | NONE      | < 5.0 |
| 1,1-dichloroethane##                  | µg/kg | 5 | ISO 17025 | < 5.0 |
| 2,2-Dichloropropane                   | µg/kg | 5 | ISO 17025 | < 5.0 |
| Chloroform##                          | µg/kg | 5 | NONE      | < 5.0 |
| 1,1,1-Trichloroethane                 | µg/kg | 5 | ISO 17025 | < 5.0 |
| 1,2-dichloroethane^                   | µg/kg | 5 | ISO 17025 | < 5.0 |
| 1,1-Dichloropropene                   | µg/kg | 5 | ISO 17025 | < 5.0 |
| Cis-1,2-dichloroethene                | µg/kg | 5 | ISO 17025 | < 5.0 |
| Benzene                               | µg/kg | 5 | MCERTS    | < 5.0 |
| Carbontetrachloride                   | µg/kg | 5 | NONE      | < 5.0 |
| 1,2-dichloropropane                   | µg/kg | 5 | ISO 17025 | < 5.0 |
| Trichloroethene                       | µg/kg | 5 | ISO 17025 | < 5.0 |
| Dibromomethane                        | µg/kg | 5 | ISO 17025 | < 5.0 |
| Bromodichloromethane                  | µg/kg | 5 | ISO 17025 | < 5.0 |
| Cis-1,3-dichloropropene               | µg/kg | 5 | ISO 17025 | < 5.0 |
| Trans-1,3-dichloropropene             | µg/kg | 5 | ISO 17025 | < 5.0 |
| Toluene                               | µg/kg | 5 | MCERTS    | < 5.0 |
| 1,1,2-Trichloroethane                 | µg/kg | 5 | ISO 17025 | < 5.0 |
| 1,3-Dichloropropane                   | µg/kg | 5 | ISO 17025 | < 5.0 |
| Dibromochloromethane                  | µg/kg | 5 | ISO 17025 | < 5.0 |
| Tetrachloroethene                     | µg/kg | 5 | NONE      | < 5.0 |
| 1,2-Dibromoethane                     | µg/kg | 5 | ISO 17025 | < 5.0 |
| Chlorobenzene                         | µg/kg | 5 | ISO 17025 | < 5.0 |
| 1,1,1,2-Tetrachloroethane             | µg/kg | 5 | ISO 17025 | < 5.0 |
| Ethylbenzene                          | µg/kg | 5 | MCERTS    | < 5.0 |
| p & m-xylene                          | µg/kg | 5 | MCERTS    | < 5.0 |
| Styrene#                              | µg/kg | 5 | NONE      | < 5.0 |

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Your Order No: CB 2023 079

| <b>Lab Sample Number</b>                        |              |                           |                                 | 2740931       |
|---|--------------|---------------------------|---------------------------------|---------------|
| <b>Sample Reference</b>                         |              |                           |                                 | TW1 (S)       |
| <b>Sample Number</b>                            |              |                           |                                 | None Supplied |
| <b>Depth (m)</b>                                |              |                           |                                 | None Supplied |
| <b>Date Sampled</b>                             |              |                           |                                 | 04/07/2023    |
| <b>Time Taken</b>                               |              |                           |                                 | None Supplied |
| <b>Analytical Parameter<br/>(Soil Analysis)</b> | <b>Units</b> | <b>Limit of detection</b> | <b>Accreditation<br/>Status</b> |               |
| Bromoform                                       | µg/kg        | 5                         | NONE                            | < 5.0         |
| o-xylene#                                       | µg/kg        | 5                         | NONE                            | < 5.0         |
| Isopropylbenzene#                               | µg/kg        | 5                         | NONE                            | < 5.0         |
| 1,1,2,2-Tetrachloroethane                       | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| Bromobenzene                                    | µg/kg        | 5                         | NONE                            | < 5.0         |
| N-Propylbenzene#                                | µg/kg        | 5                         | NONE                            | < 5.0         |
| 2-Chlorotoluene                                 | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| 4-Chlorotoluene                                 | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| 1,3,5-Trimethylbenzene                          | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| Tert-Butylbenzene#                              | µg/kg        | 5                         | NONE                            | < 5.0         |
| 1,2,4-Trimethylbenzene                          | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| Sec-Butylbenzene                                | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| 1,3-dichlorobenzene                             | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| P-Isopropyltoluene#                             | µg/kg        | 5                         | NONE                            | < 5.0         |
| 1,4-dichlorobenzene                             | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| 1,2-dichlorobenzene                             | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| Butylbenzene                                    | µg/kg        | 5                         | NONE                            | < 5.0         |
| 1,2-Dibromo-3-chloropropane                     | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| 1,2,4-Trichlorobenzene                          | µg/kg        | 5                         | ISO 17025                       | < 5.0         |
| Hexachlorobutadiene                             | µg/kg        | 5                         | NONE                            | < 5.0         |
| 1,2,3-Trichlorobenzene                          | µg/kg        | 5                         | ISO 17025                       | < 5.0         |

#### SVOCs

|                             |       |      |           |        |
|-----------------------------|-------|------|-----------|--------|
| Aniline                     | mg/kg | 0.1  | NONE      | < 0.1  |
| Phenol                      | mg/kg | 0.2  | ISO 17025 | < 0.2  |
| 2-Chlorophenol              | mg/kg | 0.1  | MCERTS    | < 0.1  |
| Bis(2-chloroethyl)ether     | mg/kg | 0.2  | MCERTS    | < 0.2  |
| 1,3-Dichlorobenzene         | mg/kg | 0.2  | MCERTS    | < 0.2  |
| 1,2-Dichlorobenzene         | mg/kg | 0.1  | MCERTS    | < 0.1  |
| 1,4-Dichlorobenzene         | mg/kg | 0.2  | MCERTS    | < 0.2  |
| Bis(2-chloroisopropyl)ether | mg/kg | 0.1  | MCERTS    | < 0.1  |
| 2-Methylphenol              | mg/kg | 0.3  | MCERTS    | < 0.3  |
| Hexachloroethane            | mg/kg | 0.05 | ISO 17025 | < 0.05 |
| Nitrobenzene                | mg/kg | 0.3  | MCERTS    | < 0.3  |
| 4-Methylphenol              | mg/kg | 0.2  | NONE      | < 0.2  |
| Isophorone                  | mg/kg | 0.2  | MCERTS    | < 0.2  |
| 2-Nitrophenol               | mg/kg | 0.3  | NONE      | < 0.3  |
| 2,4-Dimethylphenol          | mg/kg | 0.3  | MCERTS    | < 0.3  |
| Bis(2-chloroethoxy)methane  | mg/kg | 0.3  | MCERTS    | < 0.3  |
| 1,2,4-Trichlorobenzene      | mg/kg | 0.3  | MCERTS    | < 0.3  |
| Naphthalene                 | mg/kg | 0.05 | MCERTS    | < 0.05 |
| 2,4-Dichlorophenol          | mg/kg | 0.3  | MCERTS    | < 0.3  |
| 4-Chloroaniline             | mg/kg | 0.1  | NONE      | < 0.1  |
| Hexachlorobutadiene         | mg/kg | 0.1  | MCERTS    | < 0.1  |
| 4-Chloro-3-methylphenol     | mg/kg | 0.1  | NONE      | < 0.1  |
| 2,4,6-Trichlorophenol       | mg/kg | 0.1  | NONE      | < 0.1  |
| 2,4,5-Trichlorophenol       | mg/kg | 0.2  | NONE      | < 0.2  |
| 2-Methylnaphthalene         | mg/kg | 0.1  | NONE      | < 0.1  |
| 2-Chloronaphthalene         | mg/kg | 0.1  | MCERTS    | < 0.1  |
| Dimethylphthalate           | mg/kg | 0.1  | MCERTS    | < 0.1  |
| 2,6-Dinitrotoluene          | mg/kg | 0.1  | NONE      | < 0.1  |
| Acenaphthylene              | mg/kg | 0.05 | MCERTS    | < 0.05 |

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| <b>Lab Sample Number</b>                |       |                    |                         | 2740931       |
|---|-------|--------------------|-------------------------|---------------|
| <b>Sample Reference</b>                 |       |                    |                         | TW1 (S)       |
| <b>Sample Number</b>                    |       |                    |                         | None Supplied |
| <b>Depth (m)</b>                        |       |                    |                         | None Supplied |
| <b>Date Sampled</b>                     |       |                    |                         | 04/07/2023    |
| <b>Time Taken</b>                       |       |                    |                         | None Supplied |
| Analytical Parameter<br>(Soil Analysis) | Units | Limit of detection | Accreditation<br>Status |               |
| Acenaphthene                            | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| 2,4-Dinitrotoluene                      | mg/kg | 0.2                | NONE                    | < 0.2         |
| Dibenzofuran                            | mg/kg | 0.2                | MCERTS                  | < 0.2         |
| 4-Chlorophenyl phenyl ether             | mg/kg | 0.3                | MCERTS                  | < 0.3         |
| Diethyl phthalate                       | mg/kg | 0.2                | MCERTS                  | < 0.2         |
| 4-Nitroaniline                          | mg/kg | 0.2                | NONE                    | < 0.2         |
| Fluorene                                | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Azobenzene                              | mg/kg | 0.3                | NONE                    | < 0.3         |
| Bromophenyl phenyl ether                | mg/kg | 0.2                | MCERTS                  | < 0.2         |
| Hexachlorobenzene                       | mg/kg | 0.3                | MCERTS                  | < 0.3         |
| Phenanthrene                            | mg/kg | 0.05               | MCERTS                  | 0.15          |
| Anthracene                              | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Carbazole                               | mg/kg | 0.3                | MCERTS                  | < 0.3         |
| Dibutyl phthalate                       | mg/kg | 0.2                | NONE                    | < 0.2         |
| Anthraquinone                           | mg/kg | 0.3                | NONE                    | < 0.3         |
| Fluoranthene                            | mg/kg | 0.05               | MCERTS                  | 0.07          |
| Pyrene                                  | mg/kg | 0.05               | MCERTS                  | 0.07          |
| Butyl benzyl phthalate                  | mg/kg | 0.3                | NONE                    | < 0.3         |
| Benzo(a)anthracene                      | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Chrysene                                | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Benzo(b)fluoranthene                    | mg/kg | 0.05               | ISO 17025               | < 0.05        |
| Benzo(k)fluoranthene                    | mg/kg | 0.05               | ISO 17025               | < 0.05        |
| Benzo(a)pyrene                          | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Indeno(1,2,3-cd)pyrene                  | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Dibenz(a,h)anthracene                   | mg/kg | 0.05               | MCERTS                  | < 0.05        |
| Benzo(ghi)perylene                      | mg/kg | 0.05               | MCERTS                  | < 0.05        |

**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 |
|------------|-------|-------|--------|---------|

**PCBs**

|                  |       |       |      |         |
|------------------|-------|-------|------|---------|
| PCB Congener 077 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 081 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 105 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 114 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 118 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 123 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 126 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 156 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 157 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 167 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 169 | mg/kg | 0.001 | NONE | < 0.001 |
| PCB Congener 189 | mg/kg | 0.001 | NONE | < 0.001 |

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|                                      |               |                    |                      |  |
|--------------------------------------|---------------|--------------------|----------------------|--|
| Lab Sample Number                    | 2740931       |                    |                      |  |
| Sample Reference                     | TW1 (S)       |                    |                      |  |
| Sample Number                        | None Supplied |                    |                      |  |
| Depth (m)                            | None Supplied |                    |                      |  |
| Date Sampled                         | 04/07/2023    |                    |                      |  |
| Time Taken                           | None Supplied |                    |                      |  |
| Analytical Parameter (Soil Analysis) | Units         | Limit of detection | Accreditation Status |  |

**Total PCBs – WHO12**

|            |       |       |      |         |
|------------|-------|-------|------|---------|
| Total PCBs | mg/kg | 0.012 | NONE | < 0.012 |
|------------|-------|-------|------|---------|

**Pesticides**

|           |       |    |      |      |
|-----------|-------|----|------|------|
| Malathion | µg/kg | 10 | NONE | < 10 |
|-----------|-------|----|------|------|

**Miscellaneous Organics**

|                                    |       |     |      |      |
|------------------------------------|-------|-----|------|------|
| Petroleum ether extractable matter | mg/kg | 100 | NONE | 1200 |
|------------------------------------|-------|-----|------|------|

**Environmental Forensics**

|                      |       |     |      |       |
|----------------------|-------|-----|------|-------|
| p-Chloronitrobenzene | mg/kg | 0.1 | NONE | < 0.1 |
|----------------------|-------|-----|------|-------|

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



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Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                     | 2740924       |                    |                      |  | 2740925       |  | 2740926       |  | 2740927       |  | 2740928       |  |
|---------------------------------------|---------------|--------------------|----------------------|--|---------------|--|---------------|--|---------------|--|---------------|--|
| Sample Reference                      | US1           |                    |                      |  | LD1           |  | DS1           |  | POND A        |  | POND B        |  |
| Sample Number                         | None Supplied |                    |                      |  | None Supplied |  | None Supplied |  | None Supplied |  | None Supplied |  |
| Depth (m)                             | None Supplied |                    |                      |  | None Supplied |  | None Supplied |  | None Supplied |  | None Supplied |  |
| Date Sampled                          | 04/07/2023    |                    |                      |  | 04/07/2023    |  | 04/07/2023    |  | 04/07/2023    |  | 04/07/2023    |  |
| Time Taken                            | None Supplied |                    |                      |  | None Supplied |  | None Supplied |  | None Supplied |  | None Supplied |  |
| Analytical Parameter (Water Analysis) | Units         | Limit of detection | Accreditation Status |  |               |  |               |  |               |  |               |  |

## General Inorganics

| Parameter                              | Units    | N/A   | ISO 17025 | 2740924 | 2740925 | 2740926 | 2740927 | 2740928 |
|--|----------|-------|-----------|---------|---------|---------|---------|---------|
| pH (L099)                              | pH Units | N/A   | ISO 17025 | 8.3     | 7       | 7.4     | 7.2     | 7.2     |
| Sulphate as SO4                        | mg/l     | 0.045 | ISO 17025 | 117     | 325     | 167     | 84.3    | 108     |
| Sulphide                               | µg/l     | 5     | NONE      | < 5.0   | < 5.0   | < 5.0   | < 5.0   | < 5.0   |
| Ammoniacal Nitrogen as N               | µg/l     | 15    | ISO 17025 | 53      | 360     | 17      | 670     | 100     |
| Chemical Oxygen Demand (Total) (L065B) | mg/l     | 2     | ISO 17025 | 10      | 8.8     | 8.1     | 50      | 25      |
| Total Suspended Solids (L004B)         | mg/l     | 2     | ISO 17025 | 14      | 37      | 30      | 21      | 9       |

## Heavy Metals / Metalloids

| Parameter         | Units | N/A   | ISO 17025 | 2740924 | 2740925 | 2740926 | 2740927 | 2740928 |
|-------------------|-------|-------|-----------|---------|---------|---------|---------|---------|
| Aluminium (total) | mg/l  | 0.001 | ISO 17025 | 0.0136  | 0.0135  | 0.0051  | 0.0494  | 0.0165  |
| Zinc (total)      | µg/l  | 0.5   | ISO 17025 | 100     | 310     | 22      | 67      | 18      |
| Copper (total)    | µg/l  | 0.5   | ISO 17025 | 6.3     | 4.6     | 7.1     | 6.2     | 5.9     |

## VOCs

| Parameter                             | Units | N/A | ISO 17025 | 2740924 | 2740925 | 2740926 | 2740927 | 2740928 |
|---------------------------------------|-------|-----|-----------|---------|---------|---------|---------|---------|
| Chloromethane                         | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Chloroethane                          | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Bromomethane                          | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Vinyl Chloride                        | µg/l  | 3   | NONE      | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Trichlorofluoromethane                | µg/l  | 3   | NONE      | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1-Dichloroethene                    | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | µg/l  | 3   | ISO 17025 | < 3.0## | < 3.0## | < 3.0## | < 3.0## | < 3.0## |
| Trans 1,2-dichloroethylene            | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| MTBE (Methyl Tertiary Butyl Ether)    | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1-Dichloroethane                    | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 2,2-Dichloropropane                   | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Chloroform                            | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1,1-Trichloroethane                 | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,2-Dichloroethane                    | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1-Dichloropropene                   | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Cis-1,2-dichloroethene                | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Benzene                               | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Carbontetrachloride                   | µg/l  | 3   | ISO 17025 | < 3.0## | < 3.0## | < 3.0## | < 3.0## | < 3.0## |
| 1,2-Dichloropropane                   | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Trichloroethene                       | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Dibromomethane                        | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Bromodichloromethane                  | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Cis-1,3-dichloropropene               | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Trans-1,3-dichloropropene             | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Toluene                               | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1,2-Trichloroethane                 | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,3-Dichloropropane                   | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Dibromochloromethane                  | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Tetrachloroethene                     | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,2-Dibromoethane                     | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Chlorobenzene                         | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| 1,1,1,2-Tetrachloroethane             | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Ethylbenzene                          | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| p & m-Xylene                          | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Styrene                               | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |
| Bromoform                             | µg/l  | 3   | ISO 17025 | < 3.0   | < 3.0   | < 3.0   | < 3.0   | < 3.0   |



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                        |       |                    |                      | 2740924       | 2740925       | 2740926       | 2740927       | 2740928       |
|--|-------|--------------------|----------------------|---------------|---------------|---------------|---------------|---------------|
| Sample Reference                         |       |                    |                      | US1           | LD1           | DS1           | POND A        | POND B        |
| Sample Number                            |       |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m)                                |       |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Date Sampled                             |       |                    |                      | 04/07/2023    | 04/07/2023    | 04/07/2023    | 04/07/2023    | 04/07/2023    |
| Time Taken                               |       |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Analytical Parameter<br>(Water Analysis) | Units | Limit of detection | Accreditation Status |               |               |               |               |               |
| o-Xylene                                 | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| Isopropylbenzene                         | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,1,2,2-Tetrachloroethane                | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| Bromobenzene                             | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| n-Propylbenzene                          | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 2-Chlorotoluene                          | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 4-Chlorotoluene                          | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,3,5-Trimethylbenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| tert-Butylbenzene                        | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,2,4-Trimethylbenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| sec-Butylbenzene                         | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,3-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| p-Isopropyltoluene                       | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,4-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,2-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| Butylbenzene                             | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,2-Dibromo-3-chloropropane              | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,2,4-Trichlorobenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| Hexachlorobutadiene                      | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |
| 1,2,3-Trichlorobenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0         | < 3.0         | < 3.0         | < 3.0         | < 3.0         |

## SVOCs

|                             |      |      |           |        |        |        |        |        |
|-----------------------------|------|------|-----------|--------|--------|--------|--------|--------|
| Aniline                     | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Phenol                      | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | 0.49   | < 0.05 |
| 2-Chlorophenol              | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Bis(2-chloroethyl)ether     | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1,3-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1,2-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1,4-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Bis(2-chloroisopropyl)ether | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-Methylphenol              | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Hexachloroethane            | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Nitrobenzene                | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 4-Methylphenol              | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | 2.7    | < 0.05 |
| Isophorone                  | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-Nitrophenol               | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2,4-Dimethylphenol          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Bis(2-chloroethoxy)methane  | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1,2,4-Trichlorobenzene      | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Naphthalene                 | µg/l | 0.01 | ISO 17025 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| 2,4-Dichlorophenol          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 4-Chloroaniline             | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Hexachlorobutadiene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 4-Chloro-3-methylphenol     | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2,4,6-Trichlorophenol       | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2,4,5-Trichlorophenol       | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-Methylnaphthalene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2-Chloronaphthalene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Dimethylphthalate           | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 2,6-Dinitrotoluene          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Acenaphthylene              | µg/l | 0.01 | ISO 17025 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Acenaphthene                | µg/l | 0.01 | ISO 17025 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |



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Environmental Science

Analytical Report Number: 23-43857

Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                     | 2740924       | 2740925            | 2740926              | 2740927       | 2740928       |        |        |        |
|---------------------------------------|---------------|--------------------|----------------------|---------------|---------------|--------|--------|--------|
| Sample Reference                      | US1           | LD1                | DS1                  | POND A        | POND B        |        |        |        |
| Sample Number                         | None Supplied | None Supplied      | None Supplied        | None Supplied | None Supplied |        |        |        |
| Depth (m)                             | None Supplied | None Supplied      | None Supplied        | None Supplied | None Supplied |        |        |        |
| Date Sampled                          | 04/07/2023    | 04/07/2023         | 04/07/2023           | 04/07/2023    | 04/07/2023    |        |        |        |
| Time Taken                            | None Supplied | None Supplied      | None Supplied        | None Supplied | None Supplied |        |        |        |
| Analytical Parameter (Water Analysis) | Units         | Limit of detection | Accreditation Status |               |               |        |        |        |
| 2,4-Dinitrotoluene                    | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Dibenzofuran                          | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| 4-Chlorophenyl phenyl ether           | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Diethyl phthalate                     | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| 4-Nitroaniline                        | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Fluorene                              | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Azobenzene                            | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Bromophenyl phenyl ether              | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Hexachlorobenzene                     | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Phenanthrene                          | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Anthracene                            | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Carbazole                             | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Dibutyl phthalate                     | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Anthraquinone                         | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Fluoranthene                          | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Pyrene                                | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Butyl benzyl phthalate                | µg/l          | 0.05               | NONE                 | < 0.05        | < 0.05        | < 0.05 | < 0.05 | < 0.05 |
| Benzo(a)anthracene                    | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Chrysene                              | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Benzo(b)fluoranthene                  | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Benzo(k)fluoranthene                  | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Benzo(a)pyrene                        | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Indeno(1,2,3-cd)pyrene                | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Dibenzo(a,h)anthracene                | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| Benzo(ghi)perylene                    | µg/l          | 0.01               | ISO 17025            | < 0.01        | < 0.01        | < 0.01 | < 0.01 | < 0.01 |
| 3&4-Methylphenol                      | µg/l          | 0.1                | NONE                 | < 0.10        | < 0.10        | < 0.10 | 2.7    | < 0.10 |

## PCBs by GC-MS

|                  |      |      |      |        |        |        |        |        |
|------------------|------|------|------|--------|--------|--------|--------|--------|
| PCB Congener 28  | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 52  | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 101 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 118 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 138 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 153 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| PCB Congener 180 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |

## PCBs by GC-MS

|            |      |      |      |        |        |        |        |        |
|------------|------|------|------|--------|--------|--------|--------|--------|
| Total PCBs | µg/l | 0.14 | NONE | < 0.14 | < 0.14 | < 0.14 | < 0.14 | < 0.14 |
|------------|------|------|------|--------|--------|--------|--------|--------|

## PCBs – WHO12

|                  |      |      |      |         |         |         |         |         |
|------------------|------|------|------|---------|---------|---------|---------|---------|
| PCB Congener 77  | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 81  | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 105 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 114 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 118 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 123 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 126 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 156 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 157 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 167 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| PCB Congener 169 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |





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Analytical Report Number: 23-43857  
 Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                        |                  |                    |                      | 2740924       | 2740925       | 2740926       | 2740927       | 2740928       |
|--|------------------|--------------------|----------------------|---------------|---------------|---------------|---------------|---------------|
| Sample Reference                         |                  |                    |                      | US1           | LD1           | DS1           | POND A        | POND B        |
| Sample Number                            |                  |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Depth (m)                                |                  |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Date Sampled                             |                  |                    |                      | 04/07/2023    | 04/07/2023    | 04/07/2023    | 04/07/2023    | 04/07/2023    |
| Time Taken                               |                  |                    |                      | None Supplied | None Supplied | None Supplied | None Supplied | None Supplied |
| Analytical Parameter<br>(Water Analysis) | Units            | Limit of detection | Accreditation Status |               |               |               |               |               |
|  | PCB Congener 189 | µg/l               | 0.02                 | NONE          | < 0.020       | < 0.020       | < 0.020       | < 0.020       |



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                        | 2740924       | 2740925            | 2740926                 | 2740927       | 2740928       |         |         |         |         |
|--|---------------|--------------------|-------------------------|---------------|---------------|---------|---------|---------|---------|
| Sample Reference                         | US1           | LD1                | DS1                     | POND A        | POND B        |         |         |         |         |
| Sample Number                            | None Supplied | None Supplied      | None Supplied           | None Supplied | None Supplied |         |         |         |         |
| Depth (m)                                | None Supplied | None Supplied      | None Supplied           | None Supplied | None Supplied |         |         |         |         |
| Date Sampled                             | 04/07/2023    | 04/07/2023         | 04/07/2023              | 04/07/2023    | 04/07/2023    |         |         |         |         |
| Time Taken                               | None Supplied | None Supplied      | None Supplied           | None Supplied | None Supplied |         |         |         |         |
| Analytical Parameter<br>(Water Analysis) | Units         | Limit of detection | Accreditation<br>Status |               |               |         |         |         |         |
| <b>Total PCBs – WHO12</b>                |               |                    |                         |               |               |         |         |         |         |
| Total PCBs                               | µg/l          | 0.3                | NONE                    | < 0.300       | < 0.300       | < 0.300 | < 0.300 | < 0.300 | < 0.300 |
| <b>Organophosphorus Pesticides (OPP)</b> |               |                    |                         |               |               |         |         |         |         |
| Malathion                                | µg/l          | 0.03               | NONE                    | < 0.03        | < 0.03        | < 0.03  | < 0.03  | < 0.03  | < 0.03  |
| <b>Miscellaneous Organics</b>            |               |                    |                         |               |               |         |         |         |         |
| Petroleum Ether Extractable Matter       | mg/l          | 4                  | NONE                    | < 4.0         | < 4.0         | < 4.0   | < 4.0   | < 4.0   | < 4.0   |
| <b>Environmental Forensics</b>           |               |                    |                         |               |               |         |         |         |         |
| p-Chloronitrobenzene                     | ug/L          | 1                  | NONE                    | < 1.0         | < 1.0         | < 1.0   | < 1.0   | < 1.0   | < 1.0   |
| <b>Gases</b>                             |               |                    |                         |               |               |         |         |         |         |
| Methane                                  | mg/L          | 0.1                | NONE                    | < 0.1         | < 0.1         | < 0.1   | < 0.1   | < 0.1   | < 0.1   |

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

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|  |               |                    |                      |
|--|---------------|--------------------|----------------------|
| Lab Sample Number                        | 2740929       | 2740930            |                      |
| Sample Reference                         | POND C        | TW1 (L)            |                      |
| Sample Number                            | None Supplied | None Supplied      |                      |
| Depth (m)                                | None Supplied | None Supplied      |                      |
| Date Sampled                             | 04/07/2023    | 04/07/2023         |                      |
| Time Taken                               | None Supplied | None Supplied      |                      |
| Analytical Parameter<br>(Water Analysis) | Units         | Limit of detection | Accreditation Status |

**General Inorganics**

|  |          |       |           |       |         |
|--|----------|-------|-----------|-------|---------|
| pH (L099)                              | pH Units | N/A   | ISO 17025 | 7.5   | 6.9     |
| Sulphate as SO4                        | mg/l     | 0.045 | ISO 17025 | 33    | 7.57    |
| Sulphide                               | µg/l     | 5     | NONE      | < 5.0 | < 5.0   |
| Ammoniacal Nitrogen as N               | µg/l     | 15    | ISO 17025 | 390   | 160000* |
| Chemical Oxygen Demand (Total) (L065B) | mg/l     | 2     | ISO 17025 | 54    | 150     |
| Total Suspended Solids (L004B)         | mg/l     | 2     | ISO 17025 | 43    | 66      |

**Heavy Metals / Metalloids**

|                   |      |       |           |        |        |
|-------------------|------|-------|-----------|--------|--------|
| Aluminium (total) | mg/l | 0.001 | ISO 17025 | 0.0117 | 0.0048 |
| Zinc (total)      | µg/l | 0.5   | ISO 17025 | 40     | 44     |

|                |      |     |           |     |   |
|----------------|------|-----|-----------|-----|---|
| Copper (total) | µg/l | 0.5 | ISO 17025 | 5.4 | 4 |
|----------------|------|-----|-----------|-----|---|

**VOCs**

|                                       |      |   |           |        |         |
|---------------------------------------|------|---|-----------|--------|---------|
| Chloromethane                         | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Chloroethane                          | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Bromomethane                          | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Vinyl Chloride                        | µg/l | 3 | NONE      | < 3.0~ | < 3.0   |
| Trichlorofluoromethane                | µg/l | 3 | NONE      | < 3.0~ | < 3.0   |
| 1,1-Dichloroethene                    | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | µg/l | 3 | ISO 17025 | < 3.0^ | < 3.0## |
| Trans 1,2-dichloroethylene            | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| MTBE (Methyl Tertiary Butyl Ether)    | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1-Dichloroethane                    | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 2,2-Dichloropropane                   | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Chloroform                            | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1,1-Trichloroethane                 | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,2-Dichloroethane                    | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1-Dichloropropene                   | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Cis-1,2-dichloroethene                | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Benzene                               | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Carbontetrachloride                   | µg/l | 3 | ISO 17025 | < 3.0^ | < 3.0## |
| 1,2-Dichloropropane                   | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Trichloroethene                       | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Dibromomethane                        | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Bromodichloromethane                  | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Cis-1,3-dichloropropene               | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Trans-1,3-dichloropropene             | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Toluene                               | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1,2-Trichloroethane                 | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,3-Dichloropropane                   | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Dibromochloromethane                  | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Tetrachloroethene                     | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,2-Dibromoethane                     | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Chlorobenzene                         | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| 1,1,1,2-Tetrachloroethane             | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Ethylbenzene                          | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| p & m-Xylene                          | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Styrene                               | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |
| Bromoform                             | µg/l | 3 | ISO 17025 | < 3.0~ | < 3.0   |



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Environmental Science

Analytical Report Number: 23-43857

Project / Site name: Stoney Hill

Your Order No: CB 2023 079

| Lab Sample Number                        |       |                    |                      | 2740929       | 2740930       |
|--|-------|--------------------|----------------------|---------------|---------------|
| Sample Reference                         |       |                    |                      | POND C        | TW1 (L)       |
| Sample Number                            |       |                    |                      | None Supplied | None Supplied |
| Depth (m)                                |       |                    |                      | None Supplied | None Supplied |
| Date Sampled                             |       |                    |                      | 04/07/2023    | 04/07/2023    |
| Time Taken                               |       |                    |                      | None Supplied | None Supplied |
| Analytical Parameter<br>(Water Analysis) | Units | Limit of detection | Accreditation Status |               |               |
| o-Xylene                                 | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| Isopropylbenzene                         | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,1,2,2-Tetrachloroethane                | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| Bromobenzene                             | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| n-Propylbenzene                          | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 2-Chlorotoluene                          | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 4-Chlorotoluene                          | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,3,5-Trimethylbenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| tert-Butylbenzene                        | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,2,4-Trimethylbenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| sec-Butylbenzene                         | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,3-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| p-Isopropyltoluene                       | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,4-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,2-Dichlorobenzene                      | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| Butylbenzene                             | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,2-Dibromo-3-chloropropane              | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,2,4-Trichlorobenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| Hexachlorobutadiene                      | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |
| 1,2,3-Trichlorobenzene                   | µg/l  | 3                  | ISO 17025            | < 3.0~        | < 3.0         |

**SVOCs**

|                             |      |      |           |        |        |
|-----------------------------|------|------|-----------|--------|--------|
| Aniline                     | µg/l | 0.05 | NONE      | < 0.05 | 1.4    |
| Phenol                      | µg/l | 0.05 | NONE      | < 0.05 | 2.5    |
| 2-Chlorophenol              | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Bis(2-chloroethyl)ether     | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 1,3-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 1,2-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 1,4-Dichlorobenzene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Bis(2-chloroisopropyl)ether | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2-Methylphenol              | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Hexachloroethane            | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Nitrobenzene                | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 4-Methylphenol              | µg/l | 0.05 | NONE      | < 0.05 | 7.7    |
| Isophorone                  | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2-Nitrophenol               | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2,4-Dimethylphenol          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Bis(2-chloroethoxy)methane  | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 1,2,4-Trichlorobenzene      | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Naphthalene                 | µg/l | 0.01 | ISO 17025 | < 0.01 | 0.81   |
| 2,4-Dichlorophenol          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 4-Chloroaniline             | µg/l | 0.05 | NONE      | < 0.05 | 27     |
| Hexachlorobutadiene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 4-Chloro-3-methylphenol     | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2,4,6-Trichlorophenol       | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2,4,5-Trichlorophenol       | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2-Methylnaphthalene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2-Chloronaphthalene         | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Dimethylphthalate           | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| 2,6-Dinitrotoluene          | µg/l | 0.05 | NONE      | < 0.05 | < 0.05 |
| Acenaphthylene              | µg/l | 0.01 | ISO 17025 | < 0.01 | < 0.01 |
| Acenaphthene                | µg/l | 0.01 | ISO 17025 | < 0.01 | < 0.01 |



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

Your Order No: CB 2023 079

|                   |               |               |
|-------------------|---------------|---------------|
| Lab Sample Number | 2740929       | 2740930       |
| Sample Reference  | POND C        | TW1 (L)       |
| Sample Number     | None Supplied | None Supplied |
| Depth (m)         | None Supplied | None Supplied |
| Date Sampled      | 04/07/2023    | 04/07/2023    |
| Time Taken        | None Supplied | None Supplied |

| Analytical Parameter<br>(Water Analysis) | Units | Limit of detection | Accreditation Status |        |        |
|--|-------|--------------------|----------------------|--------|--------|
| 2,4-Dinitrotoluene                       | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Dibenzofuran                             | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| 4-Chlorophenyl phenyl ether              | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Diethyl phthalate                        | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| 4-Nitroaniline                           | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Fluorene                                 | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Azobenzene                               | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Bromophenyl phenyl ether                 | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Hexachlorobenzene                        | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Phenanthrene                             | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Anthracene                               | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Carbazole                                | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Dibutyl phthalate                        | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Anthraquinone                            | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Fluoranthene                             | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Pyrene                                   | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Butyl benzyl phthalate                   | µg/l  | 0.05               | NONE                 | < 0.05 | < 0.05 |
| Benzo(a)anthracene                       | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Chrysene                                 | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Benzo(b)fluoranthene                     | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Benzo(k)fluoranthene                     | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Benzo(a)pyrene                           | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Indeno(1,2,3-cd)pyrene                   | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Dibenz(a,h)anthracene                    | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |
| Benzo(ghi)perylene                       | µg/l  | 0.01               | ISO 17025            | < 0.01 | < 0.01 |

|                  |      |     |      |        |     |
|------------------|------|-----|------|--------|-----|
| 3&4-Methylphenol | µg/l | 0.1 | NONE | < 0.10 | 7.7 |
|------------------|------|-----|------|--------|-----|

**PCBs by GC-MS**

|                  |      |      |      |        |        |
|------------------|------|------|------|--------|--------|
| PCB Congener 28  | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 52  | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 101 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 118 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 138 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 153 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |
| PCB Congener 180 | µg/l | 0.02 | NONE | < 0.02 | < 0.02 |

**PCBs by GC-MS**

|            |      |      |      |        |        |
|------------|------|------|------|--------|--------|
| Total PCBs | µg/l | 0.14 | NONE | < 0.14 | < 0.14 |
|------------|------|------|------|--------|--------|

**PCBs – WHO12**

|                  |      |      |      |         |         |
|------------------|------|------|------|---------|---------|
| PCB Congener 77  | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 81  | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 105 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 114 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 118 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 123 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 126 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 156 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 157 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 167 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |
| PCB Congener 169 | µg/l | 0.02 | NONE | < 0.020 | < 0.020 |



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

Your Order No: CB 2023 079

|  |              |                           |                                 |               |               |
|--|--------------|---------------------------|---------------------------------|---------------|---------------|
| <b>Lab Sample Number</b>                         |              |                           |                                 | 2740929       | 2740930       |
| <b>Sample Reference</b>                          |              |                           |                                 | POND C        | TW1 (L)       |
| <b>Sample Number</b>                             |              |                           |                                 | None Supplied | None Supplied |
| <b>Depth (m)</b>                                 |              |                           |                                 | None Supplied | None Supplied |
| <b>Date Sampled</b>                              |              |                           |                                 | 04/07/2023    | 04/07/2023    |
| <b>Time Taken</b>                                |              |                           |                                 | None Supplied | None Supplied |
| <b>Analytical Parameter<br/>(Water Analysis)</b> | <b>Units</b> | <b>Limit of detection</b> | <b>Accreditation<br/>Status</b> |               |               |
| PCB Congener 189                                 | µg/l         | 0.02                      | NONE                            | < 0.020       | < 0.020       |



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

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|                   |               |               |
|-------------------|---------------|---------------|
| Lab Sample Number | 2740929       | 2740930       |
| Sample Reference  | POND C        | TW1 (L)       |
| Sample Number     | None Supplied | None Supplied |
| Depth (m)         | None Supplied | None Supplied |
| Date Sampled      | 04/07/2023    | 04/07/2023    |
| Time Taken        | None Supplied | None Supplied |

| Analytical Parameter<br>(Water Analysis) | Units | Limit of detection | Accreditation<br>Status |  |  |
|--|-------|--------------------|-------------------------|--|--|
|--|-------|--------------------|-------------------------|--|--|

**Total PCBs – WHO12**

|            |      |     |      |         |         |
|------------|------|-----|------|---------|---------|
| Total PCBs | µg/l | 0.3 | NONE | < 0.300 | < 0.300 |
|------------|------|-----|------|---------|---------|

**Organophosphorus Pesticides (OPP)**

|           |      |      |      |        |        |
|-----------|------|------|------|--------|--------|
| Malathion | µg/l | 0.03 | NONE | < 0.03 | < 0.03 |
|-----------|------|------|------|--------|--------|

**Miscellaneous Organics**

|                                    |      |   |      |       |       |
|------------------------------------|------|---|------|-------|-------|
| Petroleum Ether Extractable Matter | mg/l | 4 | NONE | < 4.0 | < 4.0 |
|------------------------------------|------|---|------|-------|-------|

**Environmental Forensics**

|                      |      |   |      |       |       |
|----------------------|------|---|------|-------|-------|
| p-Chloronitrobenzene | µg/L | 1 | NONE | < 1.0 | < 1.0 |
|----------------------|------|---|------|-------|-------|

**Gases**

|         |      |     |      |       |     |
|---------|------|-----|------|-------|-----|
| Methane | mg/L | 0.1 | NONE | < 0.1 | 7.3 |
|---------|------|-----|------|-------|-----|

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



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Analytical Report Number: 23-43857  
Project / Site name: Stoney Hill

Your Order No: CB 2023 079

|   |               |                    |                      |
|---|---------------|--------------------|----------------------|
| Lab Sample Number                           | 2740932       |                    |                      |
| Sample Reference                            | TW1 (S)       |                    |                      |
| Sample Number                               | None Supplied |                    |                      |
| Depth (m)                                   | None Supplied |                    |                      |
| Date Sampled                                | 04/07/2023    |                    |                      |
| Time Taken                                  | None Supplied |                    |                      |
| Analytical Parameter<br>(Leachate Analysis) | Units         | Limit of detection | Accreditation Status |

**General Inorganics**

|                                |          |     |           |       |
|--------------------------------|----------|-----|-----------|-------|
| pH (automated)                 | pH Units | N/A | ISO 17025 | 8     |
| Sulphate as SO <sub>4</sub>    | mg/l     | 0.1 | ISO 17025 | 1.7   |
| Sulphide                       | µg/l     | 5   | NONE      | < 5.0 |
| Ammoniacal Nitrogen as N       | µg/l     | 15  | NONE      | 16    |
| Chemical Oxygen Demand (Total) | mg/l     | 2   | ISO 17025 | 29    |
| Total Suspended Solids         | mg/l     | 2   | NONE      | < 2.0 |

**Heavy Metals / Metalloids**

|                      |      |     |           |       |
|----------------------|------|-----|-----------|-------|
| Antimony (dissolved) | µg/l | 1.7 | ISO 17025 | < 1.7 |
| Copper (dissolved)   | µg/l | 0.7 | ISO 17025 | 24    |
| Zinc (dissolved)     | µg/l | 0.4 | ISO 17025 | 20    |

**VOCs**

|                                    |      |   |      |       |
|------------------------------------|------|---|------|-------|
| Petroleum ether extractable matter | mg/l | 4 | NONE | < 4.0 |
|------------------------------------|------|---|------|-------|

**Gases**

|         |      |     |      |           |
|---------|------|-----|------|-----------|
| Methane | mg/l | 0.1 | NONE | To follow |
|---------|------|-----|------|-----------|

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected





**Analytical Report Number : 23-43857**  
**Project / Site name: Stoney Hill**

\* 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 *    |
|-------------------|------------------|---------------|---------------|-------------------------|
| 2740931           | TW1 (S)          | None Supplied | None Supplied | Brown clay with gravel. |

Analytical Report Number : 23-43857  
Project / Site name: Stoney Hill

**Water matrix abbreviations:**

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name                       | Analytical Method Description  | Analytical Method Reference  | Method number | Wet / Dry Analysis | Accreditation Status |
|--|--|--|---------------|--------------------|----------------------|
| Metals in water by ICP-MS (total)          | Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.                              | In-house method based on USEPA Method 6020 & 200.8 for the determination of trace elements in water by ICP-MS. | L012-PL       | W                  | ISO 17025            |
| 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               |
| NRA Leachate Prep                          | 10:1 extract with de-ionised water shaken for 24 hours then filtered.  | In-house method based on National Rivers Authority   | L020-PL       | W                  | NONE                 |
| BS EN 12457-2 (10:1) Leachate Prep         | 10:1 (as recieved, moisture adjusted) end over end extraction with water for 24 hours. Eluate filtered prior to analysis.  | In-house method based on BSEN12457-2.  | L043-PL       | W                  | NONE                 |
| Metals by ICP-OES in leachate              | Determination of metals in leachate by acidification followed by ICP-OES.  | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.                           | L039-PL       | W                  | ISO 17025            |
| Moisture Content                           | Moisture content, determined gravimetrically. (30 oC)  | In house method.   | L019-UK/PL    | W                  | NONE                 |
| 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               |
| PCB's By GC-MS in water                    | Determination of PCB by extraction with acetone and hexane followed by GC-MS.  | In-house method based on USEPA 8082  | L028-PL       | W                  | NONE                 |
| Petroleum Ether Extractable Matter in soil | Gravimetrically determined through extraction with petroleum ether.  | In-house method  | L060-PL       | D                  | NONE                 |
| 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               |
| pH at 20oC in leachate (automated)         | Determination of pH in leachate by electrometric measurement.  | In house method.   | L099B         | W                  | ISO 17025            |
| Sulphide in leachate                       | Determination of sulphide in leachate by ion selective electrode.  | In-house method  | L010-PL       | W                  | NONE                 |
| Sulphide in soil                           | Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode. | In-house method  | L010-PL       | D                  | MCERTS               |
| Sulphide in water                          | Determination of sulphide in water by ion selective electrode.   | In-house method  | L029-PL       | W                  | NONE                 |
| Total sulphate (as SO4 in soil)            | Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.  | In house method.   | L038-PL       | D                  | MCERTS               |
| Sulphate in water                          | Determination of sulphate in water after filtration by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW.  | In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.                           | L039-PL       | W                  | ISO 17025            |

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Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name                             | Analytical Method Description  | Analytical Method Reference  | Method number | Wet / Dry Analysis | Accreditation Status |
|--|--|--|---------------|--------------------|----------------------|
| 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                 |
| Suspended solids in water                        | Determined gravimetrically with GFC filtration papers.   | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L004-PL       | W                  | ISO 17025            |
| Semi-volatile organic compounds in soil          | Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.  | In-house method based on USEPA 8270  | L064-PL       | D                  | MCERTS               |
| Semi-volatile organic compounds in water         | Determination of semi-volatile organic compounds in leachate by extraction in dichloromethane followed by GC-MS.   | In-house method based on USEPA 8270  | L102B-PL      | W                  | ISO 17025            |
| Volatile organic compounds in soil               | Determination of volatile organic compounds in soil by headspace GC-MS.  | In-house method based on USEPA8260   | L073B-PL      | W                  | MCERTS               |
| Volatile organic compounds in water              | Determination of volatile organic compounds in water by headspace GC-MS. Accredited matrices: SW PW GW   | In-house method based on USEPA8260   | L073B-PL      | W                  | ISO 17025            |
| Ammoniacal Nitrogen as N in leachate             | Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method.  | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L082-PL       | W                  | NONE                 |
| Ammoniacal Nitrogen as N in soil                 | Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method,10:1 water extraction.                    | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L082-PL       | W                  | MCERTS               |
| Ammoniacal Nitrogen as N in water                | Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method. Accredited matrices SW, GW, PW, FSE, LL. | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L082-PL       | W                  | ISO 17025            |
| PCBs WHO 12 in soil                              | Determination of PCBs (WHO-12 Congeners) by GC-MS.   | In-house method based on USEPA 8082  | L027-PL       | D                  | NONE                 |
| PCBs WHO 12 in water                             | Determination of PCB by extraction with acetone and hexane followed by GC-MS.  | In-house method based on USEPA 8082  | L028-UK       | W                  | NONE                 |
| pH at 20oC in water (automated)                  | Determination of pH in water by electrometric measurement. Accredited matrices: SW PW GW   | In house method.   | L099-PL       | W                  | ISO 17025            |
| Organophosphorus Pesticides in water by GC MS/MS | Detemination of Pesticides in water by GC MS/MS  | Organophosphorus Pesticides in water by GC MS/MS   | L056B-PL      | W                  | NONE                 |
| Pesticides by GC-MS/MS                           | Detemination of Pesticides in soil by GC MS/MS   | In-house method  | L055B-PL      | W                  | NONE                 |
| Gases C1-C4                                      | Determination of volatile hydrocarbons by Refinery Gas Analyzer  | In-house methods   | L110B         | W                  | NONE                 |
| EF - Chloronitrobenzenes in water                | EF - Chloronitrobenzenes in water  | In-house methods   |               | W                  | NONE                 |

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**Water matrix abbreviations:**

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

| Analytical Test Name                           | Analytical Method Description  | Analytical Method Reference  | Method number | Wet / Dry Analysis | Accreditation Status |
|--|--|--|---------------|--------------------|----------------------|
| EF - Chloronitrobenzenes in soil               | EF - Chloronitrobenzenes in soil   | In-house methods   |               | W                  | NONE                 |
| TO - Gases C1-C4                               | Determination of volatile hydrocarbons by GC-MS Headspace.   | In-house method  |               | W                  | NONE                 |
| Sulphate in leachates                          | Determination of sulphate in leachate by acidification followed by ICP-OES.  | In-house method based on MEWAM 1986 Methods for the Determination of Metals in Soil <sup>100</sup>     | L039-PL       | W                  | ISO 17025            |
| Suspended solids in leachate                   | Determined gravimetrically with GFC filtration papers.   | In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton | L004-PL       | W                  | NONE                 |
| Chemical Oxygen Demand in Water (Total)        | Determination of total COD in water by reflux oxidation with acidified K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> followed by colorimetry. Accredited matrices: SW, PW, GW. | HACH DR/890 Colorimeter Procedures Manual (48470-22) (Ref 0170.2)                                      | L065-PL       | W                  | ISO 17025            |
| Chemical Oxygen Demand in Leachate (Total)     | Determination of total COD in leachate by reflux oxidation with acidified K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> followed by colorimetry                                | HACH DR/890 Colorimeter Procedures Manual (48470-22) (Ref 0170.2)                                      | L065-PL       | W                  | ISO 17025            |
| Petroleum Ether Extractable Matter in leachate | Gravimetrically determined through extraction with petroleum ether.  | In-house method  | L060-PL       | W                  | NONE                 |
| Petroleum Ether Extractable Matter in water    | Gravimetrically determined through extraction with petroleum ether.  | In-house method  | L060-PL       | W                  | NONE                 |

**For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).**

**For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).**

**For method numbers ending in 'PL or B' 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 30°C.**

**Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.**

" Result was reported from high dilution and should be interpreted with care

## - Quality control parameter has a high recovery (outside of limit); however the associated result is below the reporting limit, other checks applied prior to reporting the data have been accepted. The result should be considered as being deviating and may be compromised.

~ - Quality control surrogate recovery outside of limits, other checks applied prior to reporting the data have been accepted. The result should be considered as being deviating and may be compromised.

^ - Data reported unaccredited due to quality control parameter failure associated with this result; The result should be considered as being deviating and may be compromised.

# - Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted. The result should be considered as being deviating and may be compromised.

## Sample Deviation Report



**Analytical Report Number : 23-43857**

**Project / Site name: Stoney Hill**

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

| Sample ID | Other ID      | Sample Type | Lab Sample Number | Sample Deviation | Test Name                         | Test Ref      | Test Deviation |
|-----------|---------------|-------------|-------------------|------------------|-----------------------------------|---------------|----------------|
| DS1       | None Supplied | W           | 2740926           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| DS1       | None Supplied | W           | 2740926           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| DS1       | None Supplied | W           | 2740926           | bc               | Settleable Solids in water        | L004-PL       | c              |
| DS1       | None Supplied | W           | 2740926           | bc               | Suspended solids in water         | L004-PL       | c              |
| DS1       | None Supplied | W           | 2740926           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| LD1       | None Supplied | W           | 2740925           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| LD1       | None Supplied | W           | 2740925           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| LD1       | None Supplied | W           | 2740925           | bc               | Settleable Solids in water        | L004-PL       | c              |
| LD1       | None Supplied | W           | 2740925           | bc               | Suspended solids in water         | L004-PL       | c              |
| LD1       | None Supplied | W           | 2740925           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| POND A    | None Supplied | W           | 2740927           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| POND A    | None Supplied | W           | 2740927           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| POND A    | None Supplied | W           | 2740927           | bc               | Settleable Solids in water        | L004-PL       | c              |
| POND A    | None Supplied | W           | 2740927           | bc               | Suspended solids in water         | L004-PL       | c              |
| POND A    | None Supplied | W           | 2740927           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| POND B    | None Supplied | W           | 2740928           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| POND B    | None Supplied | W           | 2740928           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| POND B    | None Supplied | W           | 2740928           | bc               | Settleable Solids in water        | L004-PL       | c              |
| POND B    | None Supplied | W           | 2740928           | bc               | Suspended solids in water         | L004-PL       | c              |
| POND B    | None Supplied | W           | 2740928           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| POND C    | None Supplied | W           | 2740929           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| POND C    | None Supplied | W           | 2740929           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| POND C    | None Supplied | W           | 2740929           | bc               | Settleable Solids in water        | L004-PL       | c              |
| POND C    | None Supplied | W           | 2740929           | bc               | Suspended solids in water         | L004-PL       | c              |
| POND C    | None Supplied | W           | 2740929           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| TW1 (L)   | None Supplied | W           | 2740930           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| TW1 (L)   | None Supplied | W           | 2740930           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| TW1 (L)   | None Supplied | W           | 2740930           | bc               | Settleable Solids in water        | L004-PL       | c              |
| TW1 (L)   | None Supplied | W           | 2740930           | bc               | Suspended solids in water         | L004-PL       | c              |
| TW1 (L)   | None Supplied | W           | 2740930           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |
| TW1 (S)   | None Supplied | L           | 2740932           | c                | Suspended solids in leachate      | L004-PL       | c              |
| TW1 (S)   | None Supplied | S           | 2740931           | b                | EF - Chloronitrobenzenes in soil  | None Supplied | b              |
| US1       | None Supplied | W           | 2740924           | bc               | Ammoniacal Nitrogen as N in water | L082-PL       | c              |
| US1       | None Supplied | W           | 2740924           | bc               | EF - Chloronitrobenzenes in water | None Supplied | b              |
| US1       | None Supplied | W           | 2740924           | bc               | Settleable Solids in water        | L004-PL       | c              |
| US1       | None Supplied | W           | 2740924           | bc               | Suspended solids in water         | L004-PL       | c              |
| US1       | None Supplied | W           | 2740924           | bc               | pH at 20oC in water (automated)   | L099-PL       | c              |