FITZ SCIENTIFIC
MONITORING & TESTING

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Customer supplied information appear in italics.

| | | | |
|---|---|---|---|
| *Customer* | *Dermot McCague* | Lab Report Ref. No. | 2224/111/04 |
| | *Monaghan Co. Co. GWS* | Date of Receipt | 06/03/2023 |
| | *Glen Road* | *Sampled On* | *06/03/2023* |
| | | Date Testing Commenced | 06/03/2023 |
| | | Received or Collected | Delivered by Customer |
| | *Monaghan,H18 YT50* | Condition on Receipt | Acceptable |
| *Customer PO* | | Date of Report | 28/03/2023 |
| *Customer Ref* | *Art Mooney Childcare, Oram* | *Sample Type* | *Drinking Water* |
| *Ref 2* | *E285265/N322588* | | |
| *Ref 3* | *Audit/Oram GWS/2400PRI2015* | | |

# CERTIFICATE OF ANALYSIS

| Test Parameter | SOP | Analytical Technique | Limit | Result | Units | Acc. |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane (Potable Water) | 154 | GCMS | 3 | <0.8 | ug/L | INAB |
| 2,3,6-Trichlorobenzoic Acid (Potable) | 543 | LC-MS-MS | 0.1 | <0.017 | ug/L | INAB |
| 2,4-D (Potable) | 543 | LC-MS-MS | 0.1 | <0.004 | ug/L | INAB |
| 2,4-DB (Potable) | 543 | LC-MS-MS | 0.1 | <0.01 | ug/L | INAB |
| Ammonium (Potable Water as NH4) | 114 | Colorimetry | 0.3 | 0.04 | mg/L as NH4 | INAB |
| Antimony (Potable Water) | 177 | ICPMS | 5 | <2 | ug/L | INAB |
| Arsenic (Potable Water) | 177 | ICPMS | 10 | <2 | ug/L | INAB |
| Atrazine (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Bentazone (Potable) | 543 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Benzene (Potable Water) | 154 | GCMS | 1 | <0.3 | ug/L | INAB |
| Benzo(a)pyrene (Potable) | 575 | GCMS | 0.01 | <0.003 | ug/L | INAB |
| Benzo(b)fluoranthene (Potable) | 575 | GCMS | - | <0.004 | ug/L | INAB |
| Benzo(g,h,i)perylene (Potable) | 575 | GCMS | - | <0.004 | ug/L | INAB |
| Benzo(k)fluoranthene (Potable) | 575 | GCMS | - | <0.004 | ug/L | INAB |
| Boron (Potable Water) mg/L | 177 | ICPMS | 1 | <0.020 | mg/L | INAB |
| Boscalid (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Bromate (Potable water) | 125 | IC | 10 | <2.4 | ug/L | INAB |
| Bromodichloromethane (Potable Water) | 154 | GCMS | - | 14.2 | ug/L | INAB |
| Bromoform (Potable Water) | 154 | GCMS | - | <2.6 | ug/L | INAB |
| Cadmium (Potable Water) | 177 | ICPMS | 5 | <1 | ug/L | INAB |

**Signed:** Katherine McQuillan **Date: 28/03/2023**

**Katherine McQuillan - Technical Manager**

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* Subcontracted *

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# CERTIFICATE OF ANALYSIS

| Test Parameter | SOP | Analytical Technique | Limit | Result | Units | Acc. |
|---|---|---|---|---|---|---|
| Chlorfenvinphos (Potable) | 540 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Chloride (Potable Water) | 100 | Colorimetry | 250 | 46.3 | mg/L | INAB |
| *Chlorine (Free)* | 0 | By Subcontractor | 0.1 | 0.4 | mg/L | |
| *Chlorine (Total)* | 0 | By Subcontractor | 0.1 | 0.58 | mg/L | |
| Chloroform (Potable Water) | 154 | GCMS | - | 24.5 | ug/L | INAB |
| Chlorpropham (Potable) | 575 | GCMS | 0.1 | <0.0043 | ug/L | INAB |
| Chlortoluron (Potable) | 540 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Chromium (Potable Water) | 177 | ICPMS | 50 | <4 | ug/L | INAB |
| Clopyralid (Potable) | 543 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Clostridia perfringens(Potable)P | 161 | Anaerobic Incubation | 0 | 0 | cfu/100ml | INAB |
| *Cyanide* | 0 | By Subcontractor | 50 | <1.2 | ug/L | Yes |
| Cypermethrin (Potable) | 575 | GCMS | 0.1 | <0.007 | ug/L | INAB |
| Diazinon (Potable) | 540 | LC-MS-MS | 0.1 | <0.02 | ug/L | INAB |
| Dibromochloromethane (Potable Water) | 154 | GCMS | - | 5.0 | ug/L | INAB |
| Dicamba (Potable) | 543 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Dichlobenil (Potable) | 575 | GCMS | 0.1 | <0.002 | ug/L | INAB |
| Dichlorprop (Potable) | 543 | LC-MS-MS | 0.1 | <0.0036 | ug/L | INAB |
| Dieldrin (Potable) | 575 | GCMS | 0.1 | <0.006 | ug/L | INAB |
| Diflufenican (Potable) | 540 | LC-MS-MS | 0.1 | <0.01 | ug/L | INAB |
| Diuron (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |

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# CERTIFICATE OF ANALYSIS

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|---|---|---|---|---|---|---|
| Enterococci (Potable)C | 153 | Filtration / Incubation | 0 | 0 | cfu/100ml | INAB |
| Epoxiconazole (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Fluoride (Potable Water) | 115 | Colorimetry | 0.8 | <0.08 | mg/L | INAB |
| Fluoroxypyr (Potable) | 543 | LC-MS-MS | 0.1 | <0.01 | ug/L | INAB |
| Glyphosate (Potable) | 579 | LCMS/MS With Derivitisation | - | 0.01 | ug/L | INAB |
| Hardness Total (Potable Water) | 111 | Colorimetry | - | 85 | mg/L CaCO3 | INAB |
| Indeno(1,2,3-cd)pyrene (Potable) | 575 | GCMS | - | <0.003 | ug/L | INAB |
| Isoproturon (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Linuron (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Manganese (Potable) | 177 | ICPMS | 50 | <3 | ug/L | INAB |
| MCPA (Potable) | 543 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Mecoprop (Potable) | 543 | LC-MS-MS | 0.1 | <0.0037 | ug/L | INAB |
| Mercury (Potable water) | 178 | ICPMS | 1 | <0.15 | ug/L | INAB |
| Metaldehyde (Potable) | 557 | LC-MS-MS | 0.1 | <0.015 | ug/L | INAB |
| Metazachlor (Potable) | 540 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Nitrate (Potable Water as NO3) | 103 | Colorimetry | 50 | 5.67 | mg/L as NO3 | INAB |
| Nitrite (Potable Water as NO2) | 118 | Colorimetry | 0.5 | <0.099 | mg/L as NO2 | INAB |
| PAH (Sum of 4) (Potable) | 575 | GCMS | 0.1 | <0.003 | ug/L | INAB |
| Pendimethalin (Potable) | 540 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Pentachlorophenol (Potable) | 543 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |

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|---|---|---|---|---|---|---|
| Pesticides Total (Potable) | 0 | Calculation | 0.5 | 0.010 | ug/L | |
| pH (Potable Water) | 110 | Electrometry | 6.5 - 9.5 | 7.26 | pH Units | INAB |
| Picloram (Potable) | 543 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Propyzamide (Potable) | 540 | LC-MS-MS | 0.1 | <0.007 | ug/L | INAB |
| Selenium (Potable Water) | 177 | ICPMS | 10 | <3 | ug/L | INAB |
| Simazine (Potable) | 540 | LC-MS-MS | 0.1 | <0.003 | ug/L | INAB |
| Sodium (Potable Water) | 184 | ICPMS | 200 | 21.5 | mg/L | INAB |
| Sulphate (Potable Water) | 119 | Colorimetry | 250 | 15 | mg/L as SO4 | INAB |
| *Temperature (On site)* | 0 | By Subcontractor | - | 7.7 | degree C | |
| Tetrachloroethene & Trichloroethene (Potable) | 154 | GCMS | 10 | <2.32 | ug/L | INAB |
| THM Total (Potable Water) | 154 | GCMS | 100 | 43.7 | ug/L | INAB |
| TOC (Potable Water) | 316 | TOC Analyser | - | 2.8 | mg/L | INAB |
| Triclopyr (Potable) | 543 | LC-MS-MS | 0.1 | <0.004 | ug/L | INAB |

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