FITZ SCIENTIFIC
MONITORING & TESTING

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A copy of this certificate is available on www.fitzsci.ie.

Customer	John Quinn Monaghan Co. Co. GWS Glen Road Monaghan,H18 YT50	**Lab Report Ref. No.**	2224/146/01
		Date of Receipt	16/10/2023
		Sampled On	16/10/2023
		Date Testing Commenced	16/10/2023
		Received or Collected	By Fitz: Rafal
		Condition on Receipt	Acceptable
Customer PO		**Date of Report**	06/11/2023
Customer Ref	3 The Avenue Siabh Dubh Corduff A81VW58	**Sample Type**	Drinking Water
Ref 2	E277494/N307610		
Ref 3	Audit/Corduff/2400PRI/2012		

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	<0.0040	ug/L	INAB
2,4-DB (Potable)	543	LC-MS-MS	0.1	<0.010	ug/L	INAB
Alkalinity (Potable Water)	102	Colorimetry	-	26	mg/L CaCO3	INAB
Ammonium (Potable Water as NH4)	114	Colorimetry	0.5	<0.04	mg/L as NH4	INAB
Antimony (Potable Water)	177	ICPMS	10	<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	1.5	<0.02	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	-	11.0	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

Signed: A Harmon **Date: 06/11/2023**

Aoife Harmon - Laboratory Supervisor

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All organic results are analysed as received and all results are corrected for dry weight at 104 C
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Results contained in this report relate only to the samples tested (P) : Presumptive Results

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* Subcontracted *

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.
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Limit of detection increased for metaldehyde due to dilution reported

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Cadmium (Potable Water)	177	ICPMS	5	<1	ug/L	INAB
Chlorfenvinphos (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Chloride (Potable Water)	100	Colorimetry	250	30.2	mg/L	INAB
Chlorine (Free residual on site)	117	Colorimetry	0.1	0.80	mg/L	
Chlorine (Total residual on site)	117	Colorimetry	0.1	1.11	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
Copper (Potable Water) mg/L	177	ICPMS	2	0.027	mg/L	INAB
Cyanide (Total)	0	By Subcontractor	-	<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	-	3.2	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

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Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Diflufenican (Potable)	540	LC-MS-MS	0.1	<0.010	ug/L	INAB
Diuron (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Epichlorohydrin (Acc)	0	By Subcontractor	-	<0.10	ug/L	Yes
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	<0.010	ug/L	INAB
Glyphosate (Potable)	579	LCMS/MS With Derivitisation	0.1	<0.01	ug/L	INAB
Hardness Total (Potable Water)	111	Colorimetry	-	58	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
Lead (Potable Water)	177	ICPMS	10	<1	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	<0.03	ug/L	INAB
Metazachlor (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Nickel (Potable Water)	177	ICPMS	20	<2	ug/L	INAB
Nitrate (Potable Water as NO3)	103	Colorimetry	50	<3.99	mg/L as NO3	INAB

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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
Pesticides Total (Potable)	0	Calculation	0.5	<0.002	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	7.22	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	20	<3	ug/L	INAB
Simazine (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Sodium (Potable Water)	184	ICPMS	200	26.4	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	35	mg/L as SO4	INAB
Temperature (On site)	120	Thermometer	-	13.5	degree C	
Tetrachloroethene & Trichloroethene (Potable)	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	38.7	ug/L	INAB
TOC (Potable Water)	316	TOC Analyser	-	2.3	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB
Vinyl chloride (IW Potable Water)	154	GCMS	-	<0.07	ug/L	

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