FITZ SCIENTIFIC
MONITORING & TESTING

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Customer supplied information appear in italics.

Customer	*John Quinn*	Lab Report Ref. No.	2224/094/01
	Monaghan Co. Co. GWS	Date of Receipt	28/11/2022
	Glen Road	*Sampled On*	*28/11/2022*
		Date Testing Commenced	28/11/2022
		Received or Collected	Delivered by Customer
	Monaghan,H18 YT50	Condition on Receipt	Acceptable
Customer PO		Date of Report	29/12/2022
Customer Ref	*McArees*	*Sample Type*	*Drinking Water*
Ref 2	*E256752/N332687*		
Ref 3	*Audit/Aughnashalvey GWS/2400PRI2011*		

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
Alkalinity (Potable Water)	102	Colorimetry	-	123	mg/L CaCO3	INAB
Aluminium (Potable Water)	177	ICPMS	200	<9	ug/L	INAB
Ammonium (Potable Water as NH4)	114	Colorimetry	0.3	0.06	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	-	14.0	ug/L	INAB

Signed: A Harmon **Date: 29/12/2022**

Aoife Harmon - Laboratory Supervisor

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* Subcontracted *

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Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB
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	26.9	mg/L	INAB
Chlorine (Free)	0	By Subcontractor	0.1	0.8	mg/L	
Chlorine (Total)	0	By Subcontractor	0.1	1.2	mg/L	
Chloroform (Potable Water)	154	GCMS	-	32.9	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	0.043	mg/L	INAB
Cyanide	0	By Subcontractor	50	<10	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

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Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
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
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
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	<0.015	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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Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
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	0.013	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	7.57	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	6.6	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	9	mg/L as SO4	INAB
Temperature (On site)	0	By Subcontractor	-	11.8	degree C	
Tetrachloroethene & Trichloroethene (Potable)	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	51.9	ug/L	
TOC (Potable Water)	316	TOC Analyser	-	3.5	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	0.0129	ug/L	INAB

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