

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

Customer supplied information appear in italics.

Customer	Dermot McCague Monaghan Co. Co. GWS Glen Road	Lab Report Ref. No.	2224/023/03
		Date of Receipt	13/09/2021
		Sampled On	13/09/2021
		Date Testing Commenced	13/09/2021
		Received or Collected	By Fitz: Pick up NB
	Monaghan, H18 YT50	Condition on Receipt	Acceptable
Customer PO		Date of Report	11/10/2021
Customer Ref	Tattyboy Carrickmacross	Sample Type	Drinking Water
Ref 2	E290177/N309142		
Ref 3	Audit/Donaghmoyne GWS/2400PRI2013		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
1,2-Dichloroethane (Potable Water)	154	GCMS	3	<0.82	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	-	<0.01	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	-	<0.007	ug/L	INAB
Benzene (Potable Water)	154	GCMS	1	<0.34	ug/L	INAB
Benzo(a)pyrene (Potable)	553	GC MS MS	0.01	<0.001	ug/L	INAB
Benzo(b)fluoranthene (Potable)	553	GC MS MS	-	<0.003	ug/L	INAB
Benzo(ghi)perylene (Potable)	553	GC MS MS	-	<0.002	ug/L	INAB
Benzo(k)fluoranthene (Potable)	553	GC MS MS	-	<0.005	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 Wat	154	GCMS	-	19.2	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

Signed : 
Aoife Harmon - Laboratory Supervisor

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Date : 11/10/2021

Acc. : Accredited Parameters by ISO/IEC 17025:2017

Limit as per Monaghan Co Co

For bacterial analysis a result of 0 means none detected in volume examined

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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Ref 2	E290177/N309142		
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CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
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	22.3	mg/L	INAB
Chlorine (Free)	0	By Subcontractor	0.1	0.34	mg/L	
Chlorine (Total)	0	By Subcontractor	0.1	0.52	mg/L	
Chloroform (Potable Water)	154	GCMS	-	80.1	ug/L	INAB
Chlorpropham (Potable)	542	GC MS MS	0.1	<0.007	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	0.004	mg/L	INAB
Cyanide	0	By Subcontractor	50	<10	ug/L	Yes
Cypermethrin (Potable)	542	GC MS MS	0.1	<0.009	ug/L	INAB
Diazinon (Potable)	540	LC-MS-MS	0.1	<0.02	ug/L	INAB
Dibromochloromethane (Potable Wat	154	GCMS	-	2.9	ug/L	INAB
Dicamba (Potable)	543	LC-MS-MS	0.1	<0.003	ug/L	INAB
Dichlobenil (Potable)	542	GC MS MS	0.1	<0.005	ug/L	INAB
Dichlorprop (Potable)	543	LC-MS-MS	0.1	<0.0036	ug/L	INAB

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* Subcontracted

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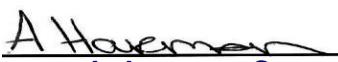
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Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Dieldrin (Potable)	542	GC MS MS	0.1	<0.010	ug/L	INAB
Diflufenican (Potable)	540	LC-MS-MS	0.1	<0.01	ug/L	INAB
Diuron (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Enterococci (Potable)C	153	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 (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Indeno(1,2,3-cd)pyrene (Potable)	553	GC MS MS	-	<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	6	ug/L	INAB
MCPA (Potable)	543	LC-MS-MS	0.1	0.0116	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

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Nitrate (Potable Water as NO3)	103	Colorimetry	50	<3.99	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)	553	GC MS MS	0.1	0.000	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	0.012	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	7.31	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	10.6	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	12	mg/L as SO4	INAB
Temperature (On site)	0	By Subcontractor	-	17.1	degree C	
Tetrachloroethene & Trichloroethene	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	102.2	ug/L	INAB
TOC (Potable Water)	316	TOC Analyser	-	3.7	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB

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