

Customer supplied information appear in italics.

Customer	Dermot McCague Monaghan Co. Co. GWS Glen Road	Lab Report Ref. No.	2224/103/03
		Date of Receipt	23/01/2023
		Sampled On	23/01/2023
		Date Testing Commenced	23/01/2023
		Received or Collected	By Fitz: Pick up Derek
	Monaghan, H18 YT50	Condition on Receipt	Acceptable
Customer PO		Date of Report	20/02/2023
Customer Ref	Duffy, Essexford	Sample Type	Drinking Water
Ref 2	E289183/N303744		
Ref 3	Audit/Killanny GWS/2400PRI2018		

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	-	160	mg/L CaCO3	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	-	7.7	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

Signed: Katherine McQuillan

Date: 20/02/2023

Katherine McQuillan - Technical Manager

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

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested (P) : Presumptive Results

** : The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2018)

* Subcontracted *

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.

Fitz Scientific maintain all customer information in the strictest confidence which is legally enforceable.



Customer supplied information appear in italics.

Customer	Dermot McCague Monaghan Co. Co. GWS Glen Road	Lab Report Ref. No.	2224/103/03
		Date of Receipt	23/01/2023
		Sampled On	23/01/2023
		Date Testing Commenced	23/01/2023
		Received or Collected	By Fitz: Pick up Derek
	Monaghan, H18 YT50	Condition on Receipt	Acceptable
Customer PO		Date of Report	20/02/2023
Customer Ref	Duffy, Essexford	Sample Type	Drinking Water
Ref 2	E289183/N303744		
Ref 3	Audit/Killanny GWS/2400PRI2018		

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	22.9	mg/L	INAB
Chlorine (Free)	0	By Subcontractor	0.1	0.88	mg/L	
Chlorine (Total)	0	By Subcontractor	0.1	1.13	mg/L	
Chloroform (Potable Water)	154	GCMS	-	13.1	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	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	-	4	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

 Signed: Katherine McQuillan

Date: 20/02/2023

Katherine McQuillan - Technical Manager

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

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested (P) : Presumptive Results

**: The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2018)

* Subcontracted *

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.

Fitz Scientific maintain all customer information in the strictest confidence which is legally enforceable.



Customer supplied information appear in italics.

Customer	Dermot McCague Monaghan Co. Co. GWS Glen Road	Lab Report Ref. No.	2224/103/03
		Date of Receipt	23/01/2023
		Sampled On	23/01/2023
		Date Testing Commenced	23/01/2023
		Received or Collected	By Fitz: Pick up Derek
		Condition on Receipt	Acceptable
Customer PO	Monaghan, H18 YT50	Date of Report	20/02/2023
Customer Ref	Duffy, Essexford	Sample Type	Drinking Water
Ref 2	E289183/N303744		
Ref 3	Audit/Killanny GWS/2400PRI2018		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
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	0.17	mg/L	INAB
Fluoroxypyr (Potable)	543	LC-MS-MS	0.1	<0.010	ug/L	INAB
Glyphosate (Potable)	579	LCMS/MS With Derivatisation	-	<0.01	ug/L	INAB
Hardness Total (Potable Water)	111	Colorimetry	-	255	mg/L CaCO ₃	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	<0.0030	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	3	ug/L	INAB
Nitrate (Potable Water as NO ₃)	103	Colorimetry	50	16.39	mg/L as NO ₃	INAB

Signed: Katherine McQuillan

Date: 20/02/2023

Katherine McQuillan - Technical Manager

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

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested (P) : Presumptive Results

** : The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2018)

* Subcontracted *

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.

Fitz Scientific maintain all customer information in the strictest confidence which is legally enforceable.



Customer supplied information appear in italics.

Customer	Dermot McCague Monaghan Co. Co. GWS Glen Road	Lab Report Ref. No.	2224/103/03
		Date of Receipt	23/01/2023
		Sampled On	23/01/2023
		Date Testing Commenced	23/01/2023
		Received or Collected	By Fitz: Pick up Derek
	Monaghan, H18 YT50	Condition on Receipt	Acceptable
Customer PO		Date of Report	20/02/2023
Customer Ref	Duffy, Essexford	Sample Type	Drinking Water
Ref 2	E289183/N303744		
Ref 3	Audit/Killanny GWS/2400PRI2018		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Nitrite (Potable Water as NO ₂)	118	Colorimetry	0.5	<0.099	mg/L as NO ₂	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	7.42	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	10.7	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	49	mg/L as SO ₄	INAB
Temperature (On site)	0	By Subcontractor	-	7.3	degree C	
Tetrachloroethene & Trichloroethene (Potable)	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	24.8	ug/L	
TOC (Potable Water)	316	TOC Analyser	-	3.0	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.0040	ug/L	INAB

 Signed: Katherine McQuillan

Date: 20/02/2023

Katherine McQuillan - Technical Manager

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

Results shall not be reproduced, except in full, without the approval of Fitz Scientific

Results contained in this report relate only to the samples tested (P) : Presumptive Results

**: The test result for this parameter may be invalid as it has exceeded the recommended holding time (BS EN ISO 5667-3:2018)

* Subcontracted *

Final results will be issued without any estimated uncertainty of measurement being applied. This can be supplied on request.

Fitz Scientific maintain all customer information in the strictest confidence which is legally enforceable.

