FITZ SCIENTIFIC
MONITORING & TESTING

Unit 35,
Boyne Business Park,
Drogheda,
Co. Louth
Ireland
Tel: +353 41 9845440
Fax: +353 41 9846171
Web: www.fitzsci.ie
email: info@fitzsci.ie

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

Customer supplied information appear in italics.

Customer	***John Quinn***	***Lab Report Ref. No.***	**2224/040/01**
	Monaghan Co. Co. GWS	***Date of Receipt***	**17/01/2022**
	Glen Road	***Sampled On***	***17/01/2022***
		Date Testing Commenced	**17/01/2022**
		Received or Collected	**By Fitz: Pick up DS**
	Monaghan,H18 YT50	***Condition on Receipt***	**Acceptable**
Customer PO		***Date of Report***	**14/02/2022**
Customer Ref	***Stranooden GWS at Beagh Monaghan***	***Sample Type***	***Drinking Water***
Ref 2	***E269476/N331071***		
Ref 3	***Audit/Stranooden GWS/2400PRI2021***		

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	
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	<0.3	ug/L	INAB
Benzo (a) Pyrene	0	By Subcontractor	0.01	<0.003	ug/L	Yes
Benzo (b)-Fluoranthene	0	By Subcontractor	-	<0.005	ug/L	Yes
Benzo (g,h,i)-Perylene	0	By Subcontractor	-	<0.005	ug/L	Yes
Benzo (k)-Fluoranthene	0	By Subcontractor	-	<0.005	ug/L	Yes
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	3.7	ug/L	INAB
Bromodichloromethane (Potable Wat	154	GCMS	-	10.9	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

Signed : A Harmon

Date : 14/02/2022

Aoife Harmon - Laboratory Supervisor

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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	20.8	mg/L	INAB
Chlorine (Free)	0	By Subcontractor	0.1	0.18	mg/L	
Chlorine (Total)	0	By Subcontractor	0.1	0.42	mg/L	
Chloroform (Potable Water)	154	GCMS	-	41.9	ug/L	INAB
Chlorpropham (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
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	<0.003	mg/L	INAB
Cyanide	0	By Subcontractor	50	<10	ug/L	Yes
Cypermethrin (Acc)	0	By Subcontractor	0.1	<0.012	ug/L	Yes
Diazinon (Potable)	540	LC-MS-MS	0.1	<0.02	ug/L	INAB
Dibromochloromethane (Potable Wat	154	GCMS	-	2.3	ug/L	INAB
Dicamba (Potable)	543	LC-MS-MS	0.1	<0.003	ug/L	INAB
Dichlobenil (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Dichlorprop (Potable)	543	LC-MS-MS	0.1	<0.0036	ug/L	INAB

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Dieldrin (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
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-c,d)pyrene	0	By Subcontractor	-	<0.005	ug/L	Yes
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	0.0097	ug/L	INAB
Mecoprop (Potable)	543	LC-MS-MS	0.1	0.0081	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	12.89	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)	0	By Subcontractor	0.1	<0.020	ug/L	Yes
Pendimethalin (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Pentachlorophenol (Potable)	543	LC-MS-MS	0.1	0.045	ug/L	INAB
Pesticides Total (Potable)	0	Calculation	0.5	0.063	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	18.8	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	48	mg/L as SO4	INAB
Temperature (On site)	0	By Subcontractor	-	7.6	degree C	
Tetrachloroethene & Trichloroethene	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	55.1	ug/L	INAB
TOC (Potable Water)	316	TOC Analyser	-	3.4	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB

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