

A copy of this certificate is available on [www.fitzsci.ie](http://www.fitzsci.ie)

Customer supplied information appear in italics.

<b>Customer</b>	<b>Dermot McCague</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/027/06</b>
		<b>Date of Receipt</b>	<b>04/10/2021</b>
		<b>Sampled On</b>	<b>04/10/2021</b>
		<b>Date Testing Commenced</b>	<b>04/10/2021</b>
		<b>Received or Collected</b>	<b>By Fitz: Pick up DS</b>
	<b>Monaghan, H18 YT50</b>	<b>Condition on Receipt</b>	<b>Acceptable</b>
<b>Customer PO</b>		<b>Date of Report</b>	<b>04/11/2021</b>
<b>Customer Ref</b>	<b>Dyan Rockcorry</b>	<b>Sample Type</b>	<b>Drinking Water</b>
<b>Ref 2</b>	<b>E259583/N316840</b>		
<b>Ref 3</b>	<b>Audit/Drumgole GWS/2400PRI2016</b>		

## 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	0.0095	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	-	18.9	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

**Signed :**   
**Aoife Harmon - Laboratory Supervisor**

Page 1 of 4

**Date : 04/11/2021**

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

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)



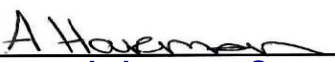
A copy of this certificate is available on www.fitzsci.ie

Customer supplied information appear in italics.

<b>Customer</b>	<b>Dermot McCague</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>  <b>Monaghan,H18 YT50</b>	<b>Lab Report Ref. No.</b>	<b>2224/027/06</b>
<b>Customer PO</b>		<b>Date of Receipt</b>	<b>04/10/2021</b>
<b>Customer Ref</b>	<b>Dyan Rockcorry</b>	<b>Sampled On</b>	<b>04/10/2021</b>
<b>Ref 2</b>	<b>E259583/N316840</b>	<b>Date Testing Commenced</b>	<b>04/10/2021</b>
<b>Ref 3</b>	<b>Audit/Drumgole GWS/2400PRI2016</b>	<b>Received or Collected</b>	<b>By Fitz: Pick up DS</b>
		<b>Condition on Receipt</b>	<b>Acceptable</b>
		<b>Date of Report</b>	<b>04/11/2021</b>
		<b>Sample Type</b>	<b>Drinking Water</b>

## 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	27.0	mg/L	INAB
*Chlorine (Free)*	0	By Subcontractor	0.1	0.02	mg/L	
*Chlorine (Total)*	0	By Subcontractor	0.1	0.3	mg/L	
Chloroform (Potable Water)	154	GCMS	-	57.8	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	<0.003	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	-	3.3	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

**Signed :**   
**Aoife Harmon - Laboratory Supervisor**

Page 2 of 4

**Date : 04/11/2021**

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

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.

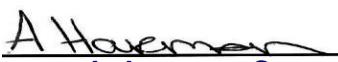
A copy of this certificate is available on www.fitzsci.ie

Customer supplied information appear in italics.

<b>Customer</b>	<b>Dermot McCague</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/027/06</b>
		<b>Date of Receipt</b>	<b>04/10/2021</b>
		<b>Sampled On</b>	<b>04/10/2021</b>
		<b>Date Testing Commenced</b>	<b>04/10/2021</b>
		<b>Received or Collected</b>	<b>By Fitz: Pick up DS</b>
	<b>Monaghan, H18 YT50</b>	<b>Condition on Receipt</b>	<b>Acceptable</b>
<b>Customer PO</b>		<b>Date of Report</b>	<b>04/11/2021</b>
<b>Customer Ref</b>	<b>Dyan Rockcorry</b>	<b>Sample Type</b>	<b>Drinking Water</b>
<b>Ref 2</b>	<b>E259583/N316840</b>		
<b>Ref 3</b>	<b>Audit/Drumgole GWS/2400PRI2016</b>		

## CERTIFICATE OF ANALYSIS

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	22	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

**Signed :**   
**Aoife Harmon - Laboratory Supervisor**

Page 3 of 4

**Date : 04/11/2021**

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

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.

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

Customer supplied information appear in italics.

<b>Customer</b>	<b>Dermot McCague</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/027/06</b>
		<b>Date of Receipt</b>	<b>04/10/2021</b>
		<b>Sampled On</b>	<b>04/10/2021</b>
		<b>Date Testing Commenced</b>	<b>04/10/2021</b>
		<b>Received or Collected</b>	<b>By Fitz: Pick up DS</b>
	<b>Monaghan, H18 YT50</b>	<b>Condition on Receipt</b>	<b>Acceptable</b>
<b>Customer PO</b>		<b>Date of Report</b>	<b>04/11/2021</b>
<b>Customer Ref</b>	<b>Dyan Rockcorry</b>	<b>Sample Type</b>	<b>Drinking Water</b>
<b>Ref 2</b>	<b>E259583/N316840</b>		
<b>Ref 3</b>	<b>Audit/Drumgole GWS/2400PRI2016</b>		

## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
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	0.010	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	6.72	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	12.8	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	<5	mg/L as SO4	INAB
*Temperature (On site)*	0	By Subcontractor	-	14	degree C	
Tetrachloroethene & Trichloroethene	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	80.0	ug/L	INAB
TOC (Potable Water)	316	TOC Analyser	-	3.9	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB

**Signed :**   
**Aoife Harmon - Laboratory Supervisor**

Page 4 of 4

**Date : 04/11/2021**

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

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.