

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>John Quinn</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/011/04</b>
		<b>Date of Receipt</b>	<b>17/05/2021</b>
		<b>Sampled On</b>	<b>17/05/2021</b>
		<b>Date Testing Commenced</b>	<b>17/05/2021</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>09/06/2021</b>
<b>Customer Ref</b>	<b>Aughnashalvey GWS Kilcorran Lake</b>	<b>Sample Type</b>	<b>Surface Water</b>
<b>Ref 2</b>	<b>E256955/N331918</b>		
<b>Ref 3</b>	<b>Operational/Aughnashalvey GWS/2400PRI2011</b>		

## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
2,3,6-Trichlorobenzoic Acid (SW)	543	LC-MS-MS	<0.005	ug/L	UKAS
2,4-D (SW)	543	LC-MS-MS	<0.0008	ug/L	UKAS
2,4-DB (SW)	543	LC-MS-MS	<0.003	ug/L	UKAS
Alkalinity (Surface Water)	102	Colorimetry	26	mg/L CaCO3	UKAS
Ammonia (Surface Water)	114	Colorimetry	0.27	mg/L as N	UKAS
Atrazine (SW)	540	LC-MS-MS	<0.0005	ug/L	UKAS
Bentazone (SW)	543	LC-MS-MS	<0.002	ug/L	UKAS
Boscalid (SW)	540	LC-MS-MS	<0.0008	ug/L	UKAS
Chlorfenvinphos (SW)	540	LC-MS-MS	<0.001	ug/L	UKAS
Chloride (Surface Water)	100	Colorimetry	9.3	mg/L	UKAS
Chlorophyll (Surface Water)	150	Filtration/ Colorimetry	4.0	mg/m3	
*Chlorpropham (Acc)*	0	By Subcontractor	<0.005	ug/L	Yes
Chlortoluron (SW)	540	LC-MS-MS	<0.001	ug/L	UKAS
Clopyralid (SW)	543	LC-MS-MS	<0.002	ug/L	UKAS
Conductivity (Surface Water at 20C)	112	Electrometry	83.7	µscm -1 @20C	UKAS
*Cypermethrin (Acc)*	0	By Subcontractor	<0.012	ug/L	Yes
Diazinon (SW)	540	LC-MS-MS	<0.006	ug/L	UKAS
Dicamba (SW)	543	LC-MS-MS	<0.003	ug/L	UKAS
*Dichlobenil (Acc)*	0	By Subcontractor	<0.005	ug/L	Yes

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

Page 1 of 3

**Date : 09/06/2021**

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

PVL - Parametric Value Limit as per EU (Drinking water) Regulations (SI 122 2014)

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>John Quinn</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/011/04</b>
		<b>Date of Receipt</b>	<b>17/05/2021</b>
		<b>Sampled On</b>	<b>17/05/2021</b>
		<b>Date Testing Commenced</b>	<b>17/05/2021</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>09/06/2021</b>
<b>Customer Ref</b>	<b>Aughnashalvey GWS Kilcorran Lake</b>	<b>Sample Type</b>	<b>Surface Water</b>
<b>Ref 2</b>	<b>E256955/N331918</b>		
<b>Ref 3</b>	<b>Operational/Aughnashalvey GWS/2400PRI2011</b>		

## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Dichlorprop (SW)	543	LC-MS-MS	<0.005	ug/L	UKAS
*Dieldrin (Acc)*	0	By Subcontractor	<0.005	ug/L	Yes
Diflufenican (SW)	540	LC-MS-MS	<0.003	ug/L	UKAS
Diuron (SW)	540	LC-MS-MS	<0.0007	ug/L	UKAS
Epoxiconazole (SW)	540	LC-MS-MS	<0.001	ug/L	UKAS
Fluoroxypyr (SW)	543	LC-MS-MS	<0.001	ug/L	UKAS
*Glyphosate (Acc)*	0	By Subcontractor	<0.005	ug/L	Yes
Hardness Total (Surface Water)	111	Colorimetry	267	mg/L CaCO3	UKAS
Iron (Surface Water)	177	ICPMS	85	ug/L	UKAS
Isoproturon (SW)	540	LC-MS-MS	<0.0005	ug/L	UKAS
Linuron (SW)	540	LC-MS-MS	<0.0005	ug/L	UKAS
Manganese (Surface Water)	177	ICPMS	5	ug/L	UKAS
MCPA (SW)	543	LC-MS-MS	0.0685	ug/L	UKAS
Mecoprop (SW)	543	LC-MS-MS	<0.0012	ug/L	UKAS
*Metaldehyde (Acc)*	0	By Subcontractor	<0.005	ug/L	Yes
Metazachlor (SW)	540	LC-MS-MS	<0.014	ug/L	UKAS
Nitrate (Surface Water)	103	Colorimetry	<0.51	mg/L as N	UKAS
Nitrite (Surface Water)	118	Colorimetry	0.025	mg/L as N	UKAS
Pendimethalin (SW)	540	LC-MS-MS	<0.002	ug/L	UKAS

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

Page 2 of 3

**Date : 09/06/2021**

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

PVL - Parametric Value Limit as per EU (Drinking water) Regulations (SI 122 2014)

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>John Quinn</b> <b>Monaghan Co. Co. GWS</b> <b>Glen Road</b>	<b>Lab Report Ref. No.</b>	<b>2224/011/04</b>
		<b>Date of Receipt</b>	<b>17/05/2021</b>
		<b>Sampled On</b>	<b>17/05/2021</b>
		<b>Date Testing Commenced</b>	<b>17/05/2021</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>09/06/2021</b>
<b>Customer Ref</b>	<b>Aughnashalvey GWS Kilcorran Lake</b>	<b>Sample Type</b>	<b>Surface Water</b>
<b>Ref 2</b>	<b>E256955/N331918</b>		
<b>Ref 3</b>	<b>Operational/Aughnashalvey GWS/2400PRI2011</b>		

## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Pentachlorophenol (SW)	543	LC-MS-MS	<0.002	ug/L	UKAS
Pesticides Total (SW)	0	Calculation	0.069	ug/L	
pH (Surface Water)	110	Electrometry	7.98	pH Units	UKAS
Picloram (SW)	543	LC-MS-MS	<0.002	ug/L	UKAS
Propyzamide (SW)	540	LC-MS-MS	<0.001	ug/L	UKAS
Simazine (SW)	540	LC-MS-MS	<0.001	ug/L	UKAS
*Temperature (On site)*	0	By Subcontractor	13.8	degree C	
TOC (Surface Water)	316	TOC Analyser	8.6	mg/L	UKAS
Triclopyr (SW)	543	LC-MS-MS	<0.0013	ug/L	UKAS
Turbidity (Surface Water)	109	Turbidimetry	0.6	NTU	UKAS
UV Transmittance	0	Calculation	91.2	%	

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

Page 3 of 3

**Date : 09/06/2021**

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

PVL - Parametric Value Limit as per EU (Drinking water) Regulations (SI 122 2014)

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.