

**Customer**

Pascal Rooney  
Monaghan County Council  
Water Services  
Monaghan

## Certificate Of Analysis

**Job Number:** 20-83707  
**Issue Number:** 2  
**Report Date:** 5 October 2020

Reason for re-issuing report: Amended report to correct site chlorine

**Site:** Donaghmoyne GWS  
**PO Number:** Not Supplied  
**Date Samples Received:** 09/09/2020

Please find attached the results for the samples received at our laboratory on 09/09/2020.

Should you have any queries regarding the report or require any further services, we would be happy to discuss your requirements. For additional information about the company please log-on to our website at the above address.

Thank you for choosing City Analysts Limited. We look forward to assisting you again.

**Authorised By:**



Shane Reynolds  
Laboratory Manager

**Authorised Date:** 5 October 2020

**Notes are not INAB accredited**

Results relate only to the items tested.  
Information on methods of analysis and uncertainty of measurement is available on request.  
Any opinions or interpretations indicated are outside the scope of our INAB accreditation.  
This test report shall not be reproduced except in full or with written approval of City Analysts Limited.

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### Customer

Pascal Rooney  
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Monaghan

**Report Reference:** 20-83707

**Report Version:** 2

**Site:** Donaghmoynne GWS

**Sample Description:** Donaghmoynne GWS Carroll, Drumny

**Date of Sampling:** 09/09/2020

**Sample Type:** Treated

**Date Sample Received:** 09/09/2020

**Lab Reference Number:** 531856

Site / Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value (Drinking Water Only)
*U	-	1,2-Dichloroethane	< 0.08	ug/l	-
*U	-	Benzene	< 0.05	ug/l	<= 1.00
WPC54*U	-	Bromate as BrO3	0.95	ug/L	-
*U	-	Tetrachloroethene	< 0.39	ug/l	<= 10.00
*U	-	Trichloroethene	< 0.40	ug/l	<= 10.00
2140*U	-	Free Cyanide	< 0.05	mg/l	-
2140*U	-	Arsenic - Total	< 1	µg/l	-
2140*U	-	Mercury - Total	< 0.5	µg/l	-
2140*	-	Antimony - Total	< 1	µg/l	-
2140*U	-	Selenium - Total	< 1	µg/l	-
<b>Acid Herbicides</b>					
*U	-	Propyzamide	< 0.01	ug/l	<= 0.10
*U	-	2,4 D	< 0.01	ug/l	<= 0.10
*U	-	Bentazone	< 0.01	ug/l	<= 0.10
*U	-	Bromoxynil	< 0.02	ug/l	<= 0.10
*U	-	Clopyralid	< 0.02	ug/l	<= 0.10
*U	-	Dicamba	< 0.02	ug/l	<= 0.10
*U	-	Dichlorprop	< 0.01	ug/l	<= 0.10

# = INAB Accredited, U = UKAS Accredited, \* = Subcontracted

**Note:**

PV Value is the parametric value, taken from European Communities, (Drinking Water) Regulations, 2014. S.I. No. 122 of 2014 and relates only to drinking water samples.

For queries on results, please contact us within two weeks of the report date to ensure that we can accommodate your query as samples cannot be stored indefinitely.

NAC & ATC - No abnormal change and acceptable to customers.

TVC - Total viable count

Site D = Analysed at City Analysts Dublin. Site S = Analysed at City Analysts Shannon

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*U	-	MCPA	< 0.01	ug/l	<= 0.10
*U	-	MCPB	< 0.02	ug/l	<= 0.10
*U	-	Mecoprop (Total)	< 0.01	ug/l	<= 0.10
*U	-	Tricloypr	< 0.02	ug/l	<= 0.10
*	-	2,3,6 TBA	< 0.02	ug/l	-
*U	-	Benazolin	< 0.02	ug/l	<= 0.10
*U	-	Fenoprop	< 0.01	ug/l	<= 0.10
*U	-	Picloram	< 0.02	ug/l	<= 0.10
Monaghan Audit 2020					
D/D3000#	10/09/2020	Ammonia as NH4	< 0.013	mg/l	<= 0.300
D/D3001#	15/09/2020	Boron	< 50.00	ug/l	<= 1000.00
D/D3001#	15/09/2020	Cadmium	< 0.2	ug/l	<= 5.0
	10/09/2020	Chlorine, Free Onsite	0.140	mg/l	-
	10/09/2020	Chlorine, Total Onsite	0.380	mg/l	-
D/D3000#	10/09/2020	Chloride	23.296	mg/l	<= 250.000
D/D3001#	15/09/2020	Chromium	< 0.9	ug/l	<= 50.0
D/D3001#	15/09/2020	Copper	3.0	ug/l	<= 2000.0
D/D3015#	14/09/2020	Fluoride	< 0.1	mg/l	<= 0.8

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D/D3001#	15/09/2020	Lead	< 1.7	ug/l	<= 10.0
D/D3001#	15/09/2020	Manganese	13.4	ug/l	<= 50.0
D/D3000#	10/09/2020	Nitrite as N02	< 0.066	mg/l	<= 0.500
D/D3000#	10/09/2020	Nitrate as N03	< 8.900	mg/l	<= 50.000
D/D3001#	15/09/2020	Nickel	< 0.5	ug/l	<= 20.0
D/D1041#	10/09/2020	PH	7.59	pH Unit	6.50 - 9.50
D/D3001#	15/09/2020	Sodium	10.840	mg/l	<= 200.000
D/D3000#	10/09/2020	Sulphate	< 20.000	mg/l	<= 250.000
D/	15/09/2020	Temperature Onsite	15.3	°C	-
S/S3224#	11/09/2020	Total Organic Carbon	4.480	mg/l	NAC & ATC
D/D1214#	09/09/2020	Clostridium perfringens	< 1	cfu/100ml	<= 0
D/D1205#	09/09/2020	Enterococci	< 1	cfu/100ml	<= 0
<b>THM</b>					
S/S1016#	21/09/2020	Chloroform	67.10	ug/l	-
S/S1016#	21/09/2020	Bromodichloromethane	18.65	ug/l	-
S/S1016#	21/09/2020	Chlorodibromomethane	2.61	ug/l	-
S/S1016#	21/09/2020	Bromoform	< 0.90	ug/l	-
S/S1016#	21/09/2020	Total THM	88.36	ug/l	<= 100.00

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### Comments

Coordinates: 288786/308032

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