

**Customer**

Pascal Rooney  
Monaghan County Council  
Water Services  
Monaghan

**Certificate Of Analysis**

**Job Number:** 17-27819

**Issue Number:** 1

**Report Date:** 24 April 2017

**Site:** Oram GWS

**PO Number:** 51232215

**Date Samples Received:** 06/04/2017

Please find attached the results for the samples received at our laboratory on 06/04/2017.

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:** 24 April 2017

**Notes:**

Results relate only to the items tested.

Information on methods of analysis and performance characteristics 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.

## Certificate Of Analysis

### Customer

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Water Services  
Monaghan

**Report Reference:** 17-27819

**Report Version:** 1

**Site:** Oram GWS  
**Sample Description:** Art Mooney Centre, Oram  
**Sample Type:** Treated  
**Lab Reference Number:** 354055

**Date of Sampling:** 06/04/2017

**Date Sample Received:** 06/04/2017

Site / Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value (Drinking Water Only)
Mon Audit 15-00900					
S/S1016#	13/04/2017	1,2-Dichloroethane	< 0.50	ug/l	<= 3.00
D/D3001#	07/04/2017	Aluminium, Total	< 5.0	ug/l	<= 200.0
D/D3000#	06/04/2017	Ammonia as NH4	< 0.013	mg/l	<= 0.300
S/S#	13/04/2017	Benzene	< 0.50	ug/l	<= 1.00
D/D3001#	11/04/2017	Boron	< 0.05	mg/l	<= 1.00
D/D3001#	07/04/2017	Cadmium	2.6	ug/l	<= 5.0
	06/04/2017	Chlorine, Free Onsite	0.830	mg/l	-
D/D3000#	06/04/2017	Chloride	50.629	mg/l	<= 250.000
D/D3001#	07/04/2017	Chromium	< 0.9	ug/l	<= 50.0
D/D3010#	10/04/2017	Colour Apparent	< 5.00	Hazen	-
D/D3011#	06/04/2017	Conductivity @ 20 °C	282.7	uS/cm @20 °C	<= 2500.0
D/D3001#	13/04/2017	Copper	0.0	mg/l	<= 2.0
D/D3015#	12/04/2017	Fluoride	< 0.1	mg/l	<= 0.9
D/D3001#	07/04/2017	Iron	< 7.2	ug/l	<= 200.0
D/D3001#	07/04/2017	Lead	< 1.7	ug/l	<= 10.0
D/D3001#	07/04/2017	Manganese	< 0.7	ug/l	<= 50.0
D/D3000#	06/04/2017	Nitrite as NO2	< 0.066	mg/l	<= 0.500

# = 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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D/D3000#	06/04/2017	Nitrate as N03	< 8.900	mg/l	<= 50.000
D/D3001#	07/04/2017	Nickel	3.9	ug/l	<= 20.0
D/	07/04/2017	Odour	0	N/A	-
D/	07/04/2017	Taste (Nature)	0	N/A	-
D/D1041#	06/04/2017	PH	6.99	pH Unit	6.50 - 9.50
D/D3001#	10/04/2017	Sodium	22.454	mg/l	<= 200.000
D/D3000#	06/04/2017	Sulphate	21.323	mg/l	<= 250.000
S/S1016#	13/04/2017	Tetrachloroethene	< 0.60	ug/l	<= 10.00
S/S1016#	13/04/2017	Chloroform	16.79	ug/l	-
S/S1016#	13/04/2017	Bromodichloromethane	11.17	ug/l	-
S/S1016#	13/04/2017	Chlorodibromomethane	4.73	ug/l	-
S/S1016#	13/04/2017	Bromoform	< 0.90	ug/l	-
S/S1016#	13/04/2017	Total THM	33.15	ug/l	<= 100.00
S/S3224#	13/04/2017	Total Organic Carbon	3.250	mg/l	NAC & ATC
S/S#	13/04/2017	Trichloroethene	< 0.60	ug/l	<= 10.00
D/D3054#	10/04/2017	Turbidity	0.27	NTU	NAC & ATC
D/D1214#	06/04/2017	Clostridium perfringens	< 1	cfu/100ml	<= 0
D/D1201#	06/04/2017	Coliforms	< 1.0	MPN/100ml	<= 0.0

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D/D1201#	06/04/2017	E.coli	< 1.0	MPN/100ml	<= 0.0
D/D3200	06/04/2017	Faecal Enterococci	< 1.0	MPN/100ml	<= 0.0
D/D1208#	06/04/2017	TVC @ 22°C	1	cfu/ml	NAC

### Comments

E285261 N322594

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