

**Customer**

Eugene Hickey  
Monaghan County Council  
Water Services  
Monaghan

**Certificate Of Analysis**

**Job Number:** 16-16647  
**Issue Number:** 1  
**Report Date:** 13 May 2016

**Site:** Not Applicable  
**PO Number:** Not Supplied  
**Date Samples Received:** 27/04/2016

Please find attached the results for the samples received at our laboratory on 27/04/2016.

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:**

**Authorised Date:** 13 May 2016

Hugh O'Donnell  
Lab Analyst

**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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**Report Reference:** 16-16647

**Report Version:** 1

**Site:** Not Applicable

**Sample Description:** 270028-340513 Glaslough/Thyholland GWS

**Date of Sampling:** 27/04/2016

**Sample Type:** Treated

**Date Sample Received:** 27/04/2016

**Lab Reference Number:** 317497

Site / Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value (Drinking Water Only)
D/D3001#	28/04/2016	Aluminium, Total	180.14	ug/l	<= 200.00
D/D3000#	04/05/2016	Ammonia as NH4	0.081	mg/l	<= 0.300
D/D3006	27/04/2016	Chlorine, Free	0.100	mg/l	-
D/D3010#	30/04/2016	Colour True	< 5.00	Hazen	NAC & ATC
D/D3011#	27/04/2016	Conductivity @ 20 °C	281.5	uS/cm @20 °C	<= 2500.0
D/D3001#	28/04/2016	Iron	80.46	ug/l	<= 200.00
D/D3001#	28/04/2016	Lead	5.21	ug/l	<= 10.00
D/D3001#	28/04/2016	Manganese	6.72	ug/l	<= 50.00
D/	29/04/2016	Odour	0	N/A	-
D/	11/05/2016	Taste (Nature)	0	N/A	-
D/D1041#	27/04/2016	PH	7.48	pH Unit	6.50 - 9.50
D/D3054#	30/04/2016	Turbidity	0.49	NTU	NAC & ATC
D/D1214#	27/04/2016	Clostridium perfringens	< 1	cfu/100ml	<= 0
D/D1201#	27/04/2016	Coliforms	< 1.0	MPN/100ml	<= 0.0
D/D1201#	27/04/2016	E.coli	< 1.0	MPN/100ml	<= 0.0

# = 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