

**Customer**

Pascal Rooney  
Monaghan County Council  
Water Services  
Monaghan

## Certificate Of Analysis

**Job Number:** 20-85072  
**Issue Number:** 1  
**Report Date:** 10 November 2020

**Site:** Turagh GWS  
**PO Number:** 51232215  
**Date Samples Received:** 30/09/2020

Please find attached the results for the samples received at our laboratory on 30/09/2020.

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:**



Louise Morrow

**Authorised Date:** 10 November 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.

## Certificate Of Analysis

### Customer

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Monaghan County Council  
Water Services  
Monaghan

Report Reference: 20-85072

Report Version: 1

Site: Turagh GWS

Sample Description: Turagh GWS Milwood Furniture

Date of Sampling: 30/09/2020

Sample Type: Treated

Date Sample Received: 30/09/2020

Lab Reference Number: 536782

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	< 0.15	ug/L	-
*U	-	Tetrachloroethene	< 0.39	ug/l	<= 10.00
*U	-	Trichloroethene	< 0.40	ug/l	<= 10.00
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	-
2140*U	-	Free Cyanide	< 0.05	mg/l	-
*U	-	Glyphosate	< 0.005	ug/l	-
Acid Herbicides (WPC45)					
*U	-	Pentachlorophenol	< 0.02	ug/l	-
*U	-	2,4-D	< 0.012	ug/l	-
*U	-	2,4-DB	< 0.018	ug/l	-
*U	-	2,4-DP Dichlorprop	< 0.017	ug/l	-
*U	-	Bentazone	< 0.004	ug/l	-
*U	-	Clopyralid	< 0.015	ug/l	-

# = 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.

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TVC - Total viable count

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

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*U	-	Dicamba	< 0.012	ug/l	-
*U	-	Fluroxypyr	< 0.009	ug/l	-
*U	-	MCPA	0.178	ug/l	-
*U	-	MCPP (Mecoprop)	< 0.018	ug/l	-
*U	-	Picloram	< 0.019	ug/l	-
*U	-	Triclopyr	< 0.028	ug/l	-
*U	-	2,3,6-Trichlorobenzoic Acid	< 0.01	ug/l	-
Monaghan Audit 2020					
D/D3000#	01/10/2020	Ammonia as NH4	0.026	mg/l	<= 0.300
D/D3001#	02/10/2020	Boron	< 50.00	ug/l	<= 1000.00
D/D3001#	05/10/2020	Cadmium	< 0.2	ug/l	<= 5.0
	01/10/2020	Chlorine, Free Onsite	0.200	mg/l	-
	01/10/2020	Chlorine, Total Onsite	0.450	mg/l	-
D/D3000#	01/10/2020	Chloride	25.679	mg/l	<= 250.000
D/D3001#	05/10/2020	Chromium	< 0.9	ug/l	<= 50.0
D/D3001#	05/10/2020	Copper	90.7	ug/l	<= 2000.0
D/D3015#	16/10/2020	Fluoride	< 0.1	mg/l	<= 0.8
D/D3001#	05/10/2020	Lead	< 1.7	ug/l	<= 10.0

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D/D3001#	05/10/2020	Manganese	< 0.7	ug/l	<= 50.0
D/D3000#	01/10/2020	Nitrite as N02	< 0.066	mg/l	<= 0.500
D/D3000#	01/10/2020	Nitrate as N03	< 8.900	mg/l	<= 50.000
D/D3001#	05/10/2020	Nickel	< 0.5	ug/l	<= 20.0
D/D1041#	01/10/2020	PH	7.27	pH Unit	6.50 - 9.50
D/D3001#	05/10/2020	Sodium	11.433	mg/l	<= 200.000
D/D3000#	01/10/2020	Sulphate	< 20.000	mg/l	<= 250.000
D/	01/10/2020	Temperature Onsite	15.1	°C	-
S/S3224#	06/10/2020	Total Organic Carbon	3.410	mg/l	NAC & ATC
D/D1214#	30/09/2020	Clostridium perfringens	< 1	cfu/100ml	<= 0
D/D1205#	30/09/2020	Enterococci	< 1	cfu/100ml	<= 0
PAH Drinking (WPC27)					
*U	-	Benzo (a) pyrene	< 0.0006	ug/l	-
*U	-	Benzo (b) fluoranthene	< 0.0004	ug/l	-
*U	-	Benzo(g,h,i)perylene	< 0.0005	ug/l	-
*U	-	Benzo (k) fluoranthene	< 0.0006	ug/l	-
*U	-	Fluoranthene	0.0009	ug/l	-
*U	-	Indeno (123-cd) Pyrene	< 0.0008	ug/l	-

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*U	-	PAH Total	0.0009	ug/l	-
*U	-	Total PAH 4 Constituents	0.0000	ug/l	-
Pesticides (WPC50)					
WPC50*U	-	Cypermethrin	< 0.005	ug/l	-
WPC50*U	-	Dichlobenil	< 0.005	ug/l	-
WPC50*U	-	Diazinon	< 0.006	ug/l	-
WPC50*U	-	Dieldrin	< 0.005	ug/l	-
WPC50*U	-	Diflufenican	< 0.007	ug/l	-
THM					
S/S1016#	06/10/2020	Chloroform	78.98	ug/l	-
S/S1016#	06/10/2020	Bromodichloromethane	9.66	ug/l	-
S/S1016#	06/10/2020	Chlorodibromomethane	1.11	ug/l	-
S/S1016#	06/10/2020	Bromoform	< 0.90	ug/l	-
S/S1016#	06/10/2020	Total THM	89.75	ug/l	<= 100.00

### Comments

265483 - 344169

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