

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Certificate Of Analysis

Job Number: 20-83744
Issue Number: 1
Report Date: 5 October 2020

Site: Killanny 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:



Louise Morrow

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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Water Services
Monaghan

Report Reference: 20-83744

Report Version: 1

Site: Killanny GWS

Sample Description: Killanny GWS Essexford, Carrickmacross

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531858

Site / Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value (Drinking Water Only)
*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
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	-
1760*U	-	1,2-Dichloroethane	< 2.0	µg/l	-
1760*	-	Trichloroethene	< 1.0	µg/l	-
Acid Herbicides					
*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#	16/09/2020	Cadmium	< 0.2	ug/l	<= 5.0
	10/09/2020	Chlorine, Free Onsite	0.670	mg/l	-
	10/09/2020	Chlorine, Total Onsite	0.400	mg/l	-
D/D3000#	10/09/2020	Chloride	58.189	mg/l	<= 250.000
D/D3001#	16/09/2020	Chromium	< 0.9	ug/l	<= 50.0
D/D3001#	16/09/2020	Copper	5.6	ug/l	<= 2000.0
D/D3015#	14/09/2020	Fluoride	< 0.1	mg/l	<= 0.8

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D/D3001#	16/09/2020	Lead	2.7	ug/l	<= 10.0
D/D3001#	16/09/2020	Manganese	< 0.7	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#	16/09/2020	Nickel	4.7	ug/l	<= 20.0
D/D1041#	10/09/2020	PH	7.43	pH Unit	6.50 - 9.50
D/D3001#	16/09/2020	Sodium	15.820	mg/l	<= 200.000
D/D3000#	10/09/2020	Sulphate	< 20.000	mg/l	<= 250.000
D/	15/09/2020	Temperature Onsite	15.0	°C	-
S/S3224#	11/09/2020	Total Organic Carbon	4.230	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
THM					
S/S1016#	21/09/2020	Chloroform	50.45	ug/l	-
S/S1016#	21/09/2020	Bromodichloromethane	21.90	ug/l	-
S/S1016#	21/09/2020	Chlorodibromomethane	5.34	ug/l	-
S/S1016#	21/09/2020	Bromoform	< 0.90	ug/l	-
S/S1016#	21/09/2020	Total THM	77.98	ug/l	<= 100.00

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Comments

Coordinates: 289218/303754

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