



DETAILED IN SCOPE REG NO. 138

City Analysts Limited, Pigeon House Road, Ringsend, Dublin 4.

Tel: (01) 613 6003 Fax: (01) 613 6008

Email: reports@cityanalysts.ie

www.cityanalysts.ie

Customer

Pascal Rooney Monaghan County Council Water Services Monaghan

## **Certificate Of Analysis**

20-84606 Job Number: **Issue Number:** 1 18 November 2020 **Report Date:** 

Site: Glaslough/Thyholland GWS **PO Number:** Not Supplied Date Samples Received: 23/09/2020

Please find attached the results for the samples received at our laboratory on 23/09/2020.

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:

Notes are not INAB accredited

Shane Reynolds

Authorised Date: 18 November 2020

Laboratory Manager

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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Report Reference: 20-84606 Report Version: 1

Pascal Rooney Monaghan County Council Water Services Monaghan

**Customer** 

Site:	Glaslough/Thyholland GWS	
Sample Description:	Glaslough/ Thyholland GWS@Killyneil Kiok	Date of Sampling:
Sample Type:	Treated	Date Sample Received:
Lab Reference Numbe	er: 535054	

**Certificate Of Analysis** 

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	1.3	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	-
Monaghan Au	dit 2020			•	
EO181#*U	-	Heptachlor	< 0.003	ug/l	-
EO181#*U	-	Aldrin	< 0.003	ug/l	-
EO181#*U	-	Heptachlor Epoxide	< 0.003	ug/l	-
D/D3000#	25/09/2020	Ammonia as NH4	0.031	mg/l	<= 0.300
D/D3001#	29/09/2020	Boron	< 50.00	ug/l	<= 1000.00
D/D3001#	24/09/2020	Cadmium	< 0.2	ug/l	<= 5.0
	24/09/2020	Chlorine, Free Onsite	0.900	mg/l	-

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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	24/09/2020	Chlorine, Total Onsite	1.000	mg/l	-
D/D3000#	25/09/2020	Chloride	51.046	mg/l	<= 250.000
D/D3001#	24/09/2020	Chromium	< 0.9	ug/l	<= 50.0
D/D3001#	24/09/2020	Copper	< 2.0	ug/l	<= 2000.0
D/D3015#	29/09/2020	Fluoride	< 0.1	mg/l	<= 0.8
D/D3001#	24/09/2020	Lead	< 1.7	ug/l	<= 10.0
D/D3001#	24/09/2020	Manganese	8.9	ug/l	<= 50.0
D/D3000#	25/09/2020	Nitrite as N02	< 0.066	mg/l	<= 0.500
D/D3000#	25/09/2020	Nitrate as N03	< 8.900	mg/l	<= 50.000
D/D3001#	24/09/2020	Nickel	< 0.5	ug/l	<= 20.0
EO162#*	-	Fluroxypyr	< 0.0050	ug/L	-
EO164#*	-	Glyphosate-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Phenanthrene	< 0.0100	ug/L	-
EO165#*	-	Metazachlor-LC	< 0.0050	ug/L	-
EO181#*	-	Acenaphthylene	< 0.0030	ug/L	-
EO162#*	-	2,4-DB	< 0.0050	ug/L	-
EO162#*	-	Bentazone	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Benzo (a) Anthracene	< 0.0050	ug/L	-

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Site / Method Ref.	Analysis Start Date	Parameter	Result	Units	PV Value (Drinking Water Only)
EO162#*	-	Pentachlorophenol (PCP)	< 0.0050	ug/L	-
EO181#*	-	Benzo (k) Fluoranthene	< 0.0100	ug/L	-
EO165#*	-	Diazinon-LC	< 0.0050	ug/L	-
EO162#*	-	Picloram	< 0.0050	ug/L	-
EO165#*	-	Propiconazole-LC	< 0.0050	ug/L	-
EO165#*	-	Propyzamide-Triaz-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Cyperemethrin-(IH)	< 0.0030	ug/L	<= 0.1000
EO181#*	-	Indeno (123-cd) Pyrene	< 0.0050	ug/L	-
EO181#*	-	Pendimethalin (IH)	< 0.0030	ug/L	-
EO162#*	-	Bromoxynil	< 0.0050	ug/L	-
EO165#*	-	Simazine-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Chlorfenvinphos-LC	< 0.0050	ug/L	<= 0.1000
EO162#*	-	Dichloroprop (24DP)	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Benzo (b) Fluoranthene	< 0.0100	ug/L	-
EO181#*	-	Pyrene	< 0.0100	ug/L	-
EO162#*	-	Trichlopyr	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Benzo (a) Pyrene	< 0.0030	ug/L	<= 0.0100
EO165#*	-	Chlorpropham-LC	< 0.0050	ug/L	-

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EO165#*	-	Diflufenican-Triaz-LC	< 0.0050	ug/L	<= 0.1000
EO162#*	-	Clopyralid	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Isoproturon-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Naphthalene	< 0.0100	ug/L	-
EO181#*	-	Fluorene	< 0.0100	ug/L	-
EO162#*	-	Mecoprop (MCPP)	0.0100	ug/L	<= 0.1000
EO181#*	-	Benzo (ghi) Perylene	< 0.0100	ug/L	-
EO162#*	-	2,3,6-Trichlorobenzoic Acid (TBA)	< 0.0050	ug/L	<= 0.1000
EO162#*	-	MCPA	0.0830	ug/L	<= 0.1000
EO165#*	-	Atrazine-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Linuron-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Dieldrin	< 0.0050	ug/L	-
EO181#*	-	Acenaphthene	0.0200	ug/L	-
EO165#*	-	Propazine-LC	< 0.0050	ug/L	-
EO162#*	-	2,4 D	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Dichlobenil (IH)	< 0.0030	ug/L	<= 0.1000
EO165#*	-	Chlorotoluron-LC	< 0.0050	ug/L	-
EO181#*	-	Chrysene	< 0.0030	ug/L	-

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EO181*	-	Drinking Water PAH Sum	< 0.0100	ug/L	<= 0.1000
EO181#*	-	Anthracene	< 0.0100	ug/L	-
EO181#*	-	Dibenzo (ah) Anthracene	< 0.0050	ug/L	-
EO165#*	-	Epoxiconazole-LC	< 0.0050	ug/L	-
EO165#*	-	Metaldehyde-LC	< 0.0050	ug/L	<= 0.1000
EO162#*	-	Dicamba	< 0.0050	ug/L	-
EO165#*	-	Diuron-LC	< 0.0050	ug/L	<= 0.1000
EO162#*	-	Boscalid	< 0.005	ug/L	-
EO181#*	-	Fluoranthene	< 0.0100	ug/L	-
D/D1041#	24/09/2020	PH	7.51	pH Unit	6.50 - 9.50
D/D3001#	24/09/2020	Sodium	23.309	mg/l	<= 200.000
D/D3000#	25/09/2020	Sulphate	< 20.000	mg/l	<= 250.000
D/	24/09/2020	Temperature Onsite	15.1	°C	-
S/S3224#	28/09/2020	Total Organic Carbon	4.310	mg/l	NAC & ATC
S266*	-	Pesticides Total	< 0.01	ug/l	<= 0.50
D/D1214#	23/09/2020	Clostridium perfringens	< 1	cfu/100ml	<= 0
D/D1205#	23/09/2020	Enterococci	< 1	cfu/100ml	<= 0

## Comments

Co Ordinates: 267262-337989

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