

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Certificate Of Analysis

Job Number: 20-84607
Issue Number: 1
Report Date: 18 November 2020

Site: Stranooden 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:



Shane Reynolds
Laboratory Manager

Authorised Date: 18 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.

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Report Reference: 20-84607

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Corcaghan Comm Centre

Date of Sampling: 23/09/2020

Sample Type: Treated

Date Sample Received: 23/09/2020

Lab Reference Number: 535055

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	0.97	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	2	µg/l	-
Monaghan Audit 2020					
EO181#*U	-	Heptachlor Epoxide	< 0.003	ug/l	-
EO181#*U	-	Heptachlor	< 0.003	ug/l	-
EO181#*U	-	Aldrin	< 0.003	ug/l	-
D/D3000#	25/09/2020	Ammonia as NH4	< 0.013	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	0.400	mg/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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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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	24/09/2020	Chlorine, Total Onsite	0.600	mg/l	-
D/D3000#	25/09/2020	Chloride	18.528	mg/l	<= 250.000
D/D3001#	24/09/2020	Chromium	< 0.9	ug/l	<= 50.0
D/D3001#	24/09/2020	Copper	11.1	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	21.2	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	2.7	ug/l	<= 20.0
EO181#*	-	Indeno (123-cd) Pyrene	0.0100	ug/L	-
EO162#*	-	MCPA	0.0140	ug/L	<= 0.1000
EO162#*	-	Fluroxypyr	0.0200	ug/L	-
EO181#*	-	Drinking Water PAH Sum	0.0200	ug/L	<= 0.1000
EO162#*	-	Trichlopyr	0.0330	ug/L	<= 0.1000
EO181#*	-	Acenaphthene	0.0100	ug/L	-
EO162#*	-	Dicamba	< 0.0050	ug/L	-
EO181#*	-	Phenanthrene	< 0.0100	ug/L	-

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EO165#*	-	Diuron-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Propiconazole-LC	< 0.0050	ug/L	-
EO165#*	-	Epoxiconazole-LC	< 0.0050	ug/L	-
EO181#*	-	Pendimethalin (IH)	< 0.0030	ug/L	-
EO165#*	-	Propyzamide-Triaz-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Dibenzo (ah) Anthracene	< 0.0050	ug/L	-
EO181#*	-	Fluoranthene	< 0.0100	ug/L	-
EO181#*	-	Benzo (a) Anthracene	< 0.0050	ug/L	-
EO181#*	-	Benzo (a) Pyrene	< 0.0030	ug/L	<= 0.0100
EO162#*	-	Dichloroprop (24DP)	< 0.0050	ug/L	<= 0.1000
EO162#*	-	2,4-DB	< 0.0050	ug/L	-
EO181#*	-	Dichlobenil (IH)	< 0.0030	ug/L	<= 0.1000
EO181#*	-	Dieldrin	< 0.0050	ug/L	-
EO162#*	-	Bentazone	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Diflufenican-Triaz-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Isoproturon-LC	< 0.0050	ug/L	<= 0.1000
EO162#*	-	2,3,6-Trichlorobenzoic Acid (TBA)	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Diazinon-LC	< 0.0050	ug/L	-

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EO181#*	-	Benzo (k) Fluoranthene	< 0.0100	ug/L	-
EO181#*	-	Acenaphthylene	< 0.0030	ug/L	-
EO165#*	-	Chlorotoluron-LC	< 0.0050	ug/L	-
EO165#*	-	Metaldehyde-LC	< 0.0050	ug/L	<= 0.1000
EO164#*	-	Glyphosate-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Fluorene	< 0.0100	ug/L	-
EO162#*	-	Boscalid	< 0.005	ug/L	-
EO181#*	-	Pyrene	< 0.0100	ug/L	-
EO162#*	-	Bromoxynil	< 0.0050	ug/L	-
EO162#*	-	Picloram	< 0.0050	ug/L	-
EO181#*	-	Benzo (ghi) Perylene	< 0.0100	ug/L	-
EO165#*	-	Linuron-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Metazachlor-LC	< 0.0050	ug/L	-
EO162#*	-	Pentachlorophenol (PCP)	< 0.0050	ug/L	-
EO162#*	-	Clopyralid	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Chlorpropham-LC	< 0.0050	ug/L	-
EO162#*	-	Mecoprop (MCP)	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Propazine-LC	< 0.0050	ug/L	-

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EO181#*	-	Chrysene	< 0.0030	ug/L	-
EO162#*	-	2,4 D	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Naphthalene	< 0.0100	ug/L	-
EO181#*	-	Anthracene	< 0.0100	ug/L	-
EO181#*	-	Cyperemethrin-(IH)	< 0.0030	ug/L	<= 0.1000
EO165#*	-	Simazine-LC	< 0.0050	ug/L	<= 0.1000
EO165#*	-	Chlorfenvinphos-LC	< 0.0050	ug/L	<= 0.1000
EO181#*	-	Benzo (b) Fluoranthene	< 0.0100	ug/L	-
EO165#*	-	Atrazine-LC	< 0.0050	ug/L	<= 0.1000
D/D1041#	24/09/2020	PH	7.16	pH Unit	6.50 - 9.50
D/D3001#	24/09/2020	Sodium	18.372	mg/l	<= 200.000
D/D3000#	25/09/2020	Sulphate	53.129	mg/l	<= 250.000
D/	24/09/2020	Temperature Onsite	15.2	°C	-
S/S3224#	28/09/2020	Total Organic Carbon	6.760	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: 258898-327334

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