

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Certificate Of Analysis

Job Number: 20-83743
Issue Number: 1
Report Date: 5 October 2020

Site: Magheracloone 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:



Shane Reynolds
Laboratory Manager

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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Report Reference: 20-83743

Report Version: 1

Site: Magheraclone GWS

Sample Description: Magheraclone GWS Clonsedy, Carrickmacro

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531857

| 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 | 0.93 | 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# | 15/09/2020 | Cadmium | < 0.2 | ug/l | <= 5.0 |
| | 10/09/2020 | Chlorine, Free Onsite | 0.430 | mg/l | - |
| | 10/09/2020 | Chlorine, Total Onsite | 0.220 | mg/l | - |
| D/D3000# | 10/09/2020 | Chloride | 16.781 | mg/l | <= 250.000 |
| D/D3001# | 15/09/2020 | Chromium | < 0.9 | ug/l | <= 50.0 |
| D/D3001# | 15/09/2020 | Copper | < 2.0 | ug/l | <= 2000.0 |
| D/D3015# | 14/09/2020 | Fluoride | < 0.1 | mg/l | <= 0.8 |

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| D/D3001# | 15/09/2020 | Lead | 1.7 | ug/l | <= 10.0 |
| D/D3001# | 15/09/2020 | 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# | 15/09/2020 | Nickel | 0.7 | ug/l | <= 20.0 |
| D/D1041# | 10/09/2020 | PH | 7.82 | pH Unit | 6.50 - 9.50 |
| D/D3001# | 15/09/2020 | Sodium | 10.631 | mg/l | <= 200.000 |
| D/D3000# | 10/09/2020 | Sulphate | < 20.000 | mg/l | <= 250.000 |
| D/ | 15/09/2020 | Temperature Onsite | 15.4 | °C | - |
| S/S3224# | 11/09/2020 | Total Organic Carbon | 4.650 | 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 | 76.76 | ug/l | - |
| S/S1016# | 21/09/2020 | Bromodichloromethane | 17.53 | ug/l | - |
| S/S1016# | 21/09/2020 | Chlorodibromomethane | 2.43 | ug/l | - |
| S/S1016# | 21/09/2020 | Bromoform | < 0.90 | ug/l | - |
| S/S1016# | 21/09/2020 | Total THM | 96.71 | ug/l | <= 100.00 |

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Comments

Coordinates: 282296/399444

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