

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Certificate Of Analysis

Job Number: 20-83741
Issue Number: 1
Report Date: 18 November 2020

Site: Stranooden GWS
PO Number: 51232215
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: 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.

Certificate Of Analysis

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Report Reference: 20-83741

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Monneill

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531865

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|------------------------------------|---------------------|------------------------|----------|-------------|--------------------------------|
| S266* | - | Pesticides Total | < 0.01 | ug/l | <= 0.50 |
| Monaghan Drinking Check Suite 2020 | | | | | |
| D/D3001# | 15/09/2020 | Aluminium, Total | 17.8 | ug/l | <= 200.0 |
| | 10/09/2020 | Chlorine, Free Onsite | 0.400 | mg/l | - |
| | 10/09/2020 | Chlorine, Total Onsite | 1.200 | mg/l | - |
| D/D3010# | 15/09/2020 | Colour Apparent | < 5.00 | Hazen | - |
| D/D3011# | 11/09/2020 | Conductivity @ 20°C | 251.4 | uS/cm @20°C | <= 2500.0 |
| D/D3001# | 15/09/2020 | Iron | < 7.2 | ug/l | <= 200.0 |
| D/ | 15/09/2020 | Odour | 0 | N/A | NAC & ATC |
| D/ | 15/09/2020 | Taste (Nature) | 0 | N/A | NAC & ATC |
| D/D1041# | 10/09/2020 | PH | 6.85 | pH Unit | 6.50 - 9.50 |
| D/ | 10/09/2020 | Temperature Onsite | 10.0 | °C | - |
| D/D3054# | 15/09/2020 | Turbidity | 0.34 | NTU | NAC & ATC |
| D/D1201# | 09/09/2020 | Coliforms | < 1.0 | MPN/100ml | <= 0.0 |
| D/D1201# | 09/09/2020 | E.coli | < 1.0 | MPN/100ml | <= 0.0 |
| D/D1208# | 09/09/2020 | TVC @ 22°C | 19 | cfu/ml | <= 100 |
| QN009961 LCMSMS-Acid Herbicides | | | | | |
| EO162#* | - | 2,4 D | < 0.0050 | ug/L | <= 0.1000 |

= 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

Certificate Of Analysis

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Report Reference: 20-83741

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Monneill

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531865

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|-----------------------------------|---------------------|-----------------------------------|----------|-------|--------------------------------|
| EO162#* | - | Fluroxypyr | < 0.0050 | ug/L | - |
| EO162 | - | Bromacil | < 0.0050 | ug/L | - |
| EO162#* | - | Mecoprop (MCP) | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Bentazone | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Clopyralid | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Dicamba | < 0.0050 | ug/L | - |
| EO162#* | - | Boscalid | < 0.005 | ug/L | - |
| EO162#* | - | Trichlopyr | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Dichloroprop (24DP) | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Bromoxynil | < 0.0050 | ug/L | - |
| EO162#* | - | Picloram | < 0.0050 | ug/L | - |
| EO162#* | - | 2,4-DB | < 0.0050 | ug/L | - |
| EO162#* | - | MCPA | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | 2,3,6-Trichlorobenzoic Acid (TBA) | < 0.0050 | ug/L | <= 0.1000 |
| EO162#* | - | Pentachlorophenol (PCP) | < 0.0050 | ug/L | - |
| QN009961 LCMSMS-Glyphosate & AMPA | | | | | |
| EO164#* | - | Glyphosate-LC | < 0.0050 | ug/L | <= 0.1000 |
| QN009961 GCMSMS-Pesticides & PAH | | | | | |

= 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

Certificate Of Analysis

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Report Reference: 20-83741

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Monneill

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531865

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|--------------------|---------------------|-------------------------|----------|-------|--------------------------------|
| EO181#*U | - | Heptachlor Epoxide | < 0.003 | ug/l | - |
| EO181#*U | - | Aldrin | < 0.003 | ug/l | - |
| EO181#*U | - | Heptachlor | < 0.003 | ug/l | - |
| EO181#* | - | Pyrene | < 0.0100 | ug/L | - |
| EO181#* | - | Acenaphthylene | < 0.0030 | ug/L | - |
| EO181#* | - | Fluoranthene | < 0.0100 | ug/L | - |
| EO181#* | - | Benzo (a) Anthracene | < 0.0050 | ug/L | - |
| EO181#* | - | Benzo (k) Fluoranthene | < 0.0100 | ug/L | - |
| EO181#* | - | Pendimethalin (IH) | < 0.0030 | ug/L | - |
| EO181#* | - | Dibenzo (ah) Anthracene | < 0.0050 | ug/L | - |
| EO181#* | - | Drinking Water PAH Sum | < 0.0100 | ug/L | <= 0.1000 |
| EO181#* | - | Phenanthrene | < 0.0100 | ug/L | - |
| EO181#* | - | Dieldrin | < 0.0050 | ug/L | - |
| EO181#* | - | Anthracene | < 0.0100 | ug/L | - |
| EO181#* | - | Benzo (b) Fluoranthene | < 0.0100 | ug/L | - |
| EO181#* | - | Fluorene | < 0.0100 | ug/L | - |
| EO181#* | - | Benzo (ghi) Perylene | < 0.0100 | ug/L | - |
| EO181#* | - | Cypermethrin-(IH) | < 0.0030 | ug/L | <= 0.1000 |

= 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

Certificate Of Analysis

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Report Reference: 20-83741

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Monneill

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531865

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|-----------------------------------|---------------------|------------------------|----------|-------|--------------------------------|
| EO181#* | - | Chrysene | < 0.0030 | ug/L | - |
| EO181#* | - | Naphthalene | < 0.0100 | ug/L | - |
| EO181#* | - | Benzo (a) Pyrene | < 0.0030 | ug/L | <= 0.0100 |
| EO181#* | - | Dichlobenil (IH) | < 0.0030 | ug/L | <= 0.1000 |
| EO181#* | - | Acenaphthene | < 0.0030 | ug/L | - |
| EO181#* | - | Indeno (123-cd) Pyrene | < 0.0050 | ug/L | - |
| QN009961 LCMSMS-Pesticide Suite A | | | | | |
| EO165#* | - | Atrazine-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Epoxiconazole-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Isoproturon-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Diflufenican-Triaz-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Propazine-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Propiconazole-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Linuron-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Diazinon-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Diuron-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Metaldehyde-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Simazine-LC | < 0.0050 | ug/L | <= 0.1000 |

= 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

Certificate Of Analysis

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Report Reference: 20-83741

Report Version: 1

Site: Stranooden GWS

Sample Description: Stranooden GWS @Monneill

Date of Sampling: 09/09/2020

Sample Type: Treated

Date Sample Received: 09/09/2020

Lab Reference Number: 531865

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|--------------------|---------------------|----------------------|----------|-------|--------------------------------|
| EO165#* | - | Chlorfenvinphos-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Chlorotoluron-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Propyzamide-Triaz-LC | < 0.0050 | ug/L | <= 0.1000 |
| EO165#* | - | Chlorpropham-LC | < 0.0050 | ug/L | - |
| EO165#* | - | Metazachlor-LC | < 0.0050 | ug/L | - |

Comments

Coordinates: 265125/319856

= 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