

Customer

Pascal Rooney
Monaghan County Council
Water Services
Monaghan

Certificate Of Analysis

Job Number: 20-86134
Issue Number: 1
Report Date: 2 December 2020

Site: Glaslough/Thyolland GWS
PO Number: 5132215
Date Samples Received: 14/10/2020

Please find attached the results for the samples received at our laboratory on 14/10/2020.

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: 2 December 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: 20-86134

Report Version: 1

Site: Glaslough/Thyholland GWS

Sample Description: Glaslough/Thyholland GWS Kioxk New House

Date of Sampling: 14/10/2020

Sample Type: Treated

Date Sample Received: 14/10/2020

Lab Reference Number: 540543

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|------------------------------------|---------------------|-----------------------------|---------|-------|--------------------------------|
| Acid Herbicides (WPC45) | | | | | |
| *U | - | Pentachlorophenol | < 0.02 | ug/l | - |
| *U | - | 2,4-D | < 0.012 | ug/l | - |
| *U | - | 2,4-DB | < 0.018 | ug/l | - |
| *U | - | 2,4-DP Dichlorprop | < 0.017 | ug/l | - |
| *U | - | Bentazone | < 0.004 | ug/l | - |
| *U | - | Clopyralid | < 0.015 | ug/l | - |
| *U | - | Dicamba | < 0.012 | ug/l | - |
| *U | - | Fluroxypyr | < 0.009 | ug/l | - |
| *U | - | MCPA | 0.125 | ug/l | - |
| *U | - | MCP (Mecoprop) | < 0.018 | ug/l | - |
| *U | - | Picloram | < 0.019 | ug/l | - |
| *U | - | Triclopyr | < 0.028 | ug/l | - |
| *U | - | 2,3,6-Trichlorobenzoic Acid | < 0.01 | ug/l | - |
| Monaghan Drinking Check Suite 2020 | | | | | |
| D/D3001# | 16/10/2020 | Aluminium, Total | 54.7 | ug/l | <= 200.0 |
| | 15/10/2020 | Chlorine, Free Onsite | 0.400 | mg/l | - |
| | 15/10/2020 | Chlorine, Total Onsite | 0.600 | 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.

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: 20-86134

Report Version: 1

Site: Glaslough/Thyholland GWS

Sample Description: Glaslough/Thyholland GWS Kioxk New House

Date of Sampling: 14/10/2020

Sample Type: Treated

Date Sample Received: 14/10/2020

Lab Reference Number: 540543

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|----------------------|---------------------|------------------------|----------|-------------|--------------------------------|
| D/D3010# | 21/10/2020 | Colour Apparent | < 5.00 | Hazen | - |
| D/D3011# | 15/10/2020 | Conductivity @ 20°C | 317.0 | uS/cm @20°C | <= 2500.0 |
| D/D3001# | 16/10/2020 | Iron | < 7.2 | ug/l | <= 200.0 |
| D/ | 21/10/2020 | Odour | 0 | N/A | NAC & ATC |
| D/ | 21/10/2020 | Taste (Nature) | 0 | N/A | NAC & ATC |
| D/D1041# | 15/10/2020 | PH | 7.71 | pH Unit | 6.50 - 9.50 |
| D/ | 15/10/2020 | Temperature Onsite | 10.1 | °C | - |
| D/D3054# | 21/10/2020 | Turbidity | 0.16 | NTU | NAC & ATC |
| D/D1201# | 14/10/2020 | Coliforms | < 1.0 | MPN/100ml | <= 0.0 |
| D/D1201# | 14/10/2020 | E.coli | < 1.0 | MPN/100ml | <= 0.0 |
| D/D1208# | 14/10/2020 | TVC @ 22°C | 6 | cfu/ml | <= 100 |
| PAH Drinking (WPC27) | | | | | |
| *U | - | Benzo (a) pyrene | < 0.0100 | ug/l | - |
| *U | - | Benzo (b) fluoranthene | < 0.0100 | ug/l | - |
| *U | - | Benzo(g,h,i)perylene | < 0.0100 | ug/l | - |
| *U | - | Benzo (k) fluoranthene | < 0.0100 | ug/l | - |
| *U | - | Fluoranthene | < 0.0100 | ug/l | - |
| *U | - | Indeno (123-cd) Pyrene | < 0.0100 | ug/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.

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: 20-86134

Report Version: 1

Site: Glaslough/Thyholland GWS

Sample Description: Glaslough/Thyholland GWS Kioxk New House

Date of Sampling: 14/10/2020

Sample Type: Treated

Date Sample Received: 14/10/2020

Lab Reference Number: 540543

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|--------------------|---------------------|-----------------|----------|-------|--------------------------------|
| *U | - | PAH Total | < 0.0200 | ug/l | - |
| Pesticides (WPC50) | | | | | |
| WPC50*U | - | Cypermethrin | < 0.005 | ug/l | - |
| WPC50*U | - | Dichlobenil | < 0.005 | ug/l | - |
| WPC50*U | - | Diazinon | < 0.006 | ug/l | - |
| WPC50*U | - | Dieldrin | < 0.005 | ug/l | - |
| WPC50*U | - | Diffufenican | < 0.007 | ug/l | - |
| Pesticides (WPC71) | | | | | |
| *U | - | Atrazine | < 0.004 | ug/l | - |
| *U | - | Boscalid | < 0.011 | ug/l | - |
| *U | - | Chlorfenvinphos | < 0.012 | ug/l | - |
| *U | - | Chlorpropham | < 0.024 | ug/l | - |
| *U | - | Chlortoluron | < 0.007 | ug/l | - |
| *U | - | Diuron | < 0.009 | ug/l | - |
| *U | - | Epoxiconazole | < 0.005 | ug/l | - |
| *U | - | Isoproturon | < 0.005 | ug/l | - |
| *U | - | Linuron | < 0.012 | ug/l | - |
| *U | - | Metazachlor | < 0.006 | ug/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.

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: 20-86134

Report Version: 1

Site: Glaslough/Thyholland GWS

Sample Description: Glaslough/Thyholland GWS Kioxk New House

Date of Sampling: 14/10/2020

Sample Type: Treated

Date Sample Received: 14/10/2020

Lab Reference Number: 540543

| Site / Method Ref. | Analysis Start Date | Parameter | Result | Units | PV Value (Drinking Water Only) |
|--------------------|---------------------|---------------|---------|-------|--------------------------------|
| *U | - | Pendimethalin | < 0.02 | ug/l | - |
| *U | - | Propyzamide | < 0.009 | ug/l | - |
| *U | - | Simazine | < 0.004 | ug/l | - |

Comments

Coordinates: 272143/335732

540543:

Analysis started on 14/10/2020 but QC out of spec for that run and analysis repeated, therefore, out of stability result.

= 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