

Drinking Water Quality Tables

The following tables provide detail of where full compliance with the regulatory standards has not been met at individual private water supplies. The tables present, by parameter, all the contraventions and the '% compliance' that occurred at private water supply points during 2021. Table 1 provides the distribution of private water supplies from which samples are collected across Northern Ireland.

Table 1: Private Water Supplies within each Council area in 2021

Council	Small Domestic (<10m ³ /day)	Commercial / Public (>10m ³ /day)	Commercial / Public (>10 ≤100m ³ /day)	Commercial / Public (>100 ≤1000m ³ /day)	Commercial / Public (>1000 ≤2000m ³ /day)
Antrim and Newtownabbey Borough	3	9	4	0	0
Ards and North Down Borough	1	1	4	1	0
Armagh City, Banbridge and Craigavon Borough	1	4	11	4	1
Belfast City	0	3	2	6	0
Causeway Coast and Glens Borough	10	9	8	2	0
Derry City and Strabane District	4	1	1	1	0
Fermanagh and Omagh District	2	6	3	2	0
Lisburn and Castlereagh City	0	3	3	1	1
Mid and East Antrim Borough	9	11	4	1	0
Mid Ulster District	2	11	6	4	0
Newry, Mourne and Down District	0	6	5	0	0

Water Quality at Private Water Supplies in 2021

Table 2: % Compliance – Arsenic

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Ards and North Down Borough	2	2	0
All other supplies	25	0	100
Overall	27	2	92.59

Table 3: % Compliance – *Clostridium Perfringens*

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Mid and East Antrim Borough	1	1	0
Mid Ulster District	1	1	0
All other supplies	133	0	100
Overall	135	2	98.52

Table 4: % Compliance – Coliform Bacteria

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	4	1	75
Antrim and Newtownabbey Borough	1	1	0
Belfast City	1	1	0
Causeway Coast and Glens Borough	11	7	36.36
Derry City and Strabane District	2	2	0
Fermanagh and Omagh District	1	1	0
Lisburn and Castlereagh City	1	1	0
Mid and East Antrim Borough	3	3	0
Mid Ulster District	2	2	0
Ards and North Down Borough	3	2	33.33
All other supplies	281	0	100
Overall	302	21	99.29

Table 5: % Compliance – Copper

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Fermanagh and Omagh District	1	1	0
All other supplies	32	0	100
Overall	33	1	96.97

Table 6: % Compliance – E. Coli

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Antrim and Newtownabbey Borough	1	1	0
Causeway Coast and Glens Borough	8	5	37.50
Derry City and Strabane District	1	1	0
Fermanagh and Omagh District	3	3	0
Mid and East Antrim Borough	1	1	0
All other supplies	291	0	100
Overall	302	11	96.36

Table 7: % Compliance – Enterococci

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	2	2	0
Causeway Coast and Glens Borough	6	3	50
Derry City and Strabane District	2	2	0
Fermanagh and Omagh District	1	1	0
Mid and East Antrim Borough	2	2	0
Mid Ulster District	1	1	0
All other supplies	162	0	100
Overall	173	11	93.64

Table 8: % Compliance – Hydrogen Ion (pH)

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	3	2	33.33
Causeway Coast and Glens Borough	2	1	50
Fermanagh and Omagh District	3	3	0
Lisburn and Castlereagh City	10	3	70
All other supplies	293	0	100
Overall	302	9	97.02

Table 9: % Compliance – Individual Pesticides

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Antrim and Newtownabbey Borough	1	1	0
Mid and East Antrim Borough	1	1	0
All other supplies	7287	0	100
Overall	7289	2	99.97

Table 10: % Compliance – Iron

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	4	1	75
Antrim and Newtownabbey Borough	1	1	0
Mid Ulster District	6	3	50
Newry, Mourne and Down District	1	1	0
All other supplies	259	0	100
Overall	265	6	97.74

Table 11: % Compliance – Manganese

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	8	5	37.50
Antrim and Newtownabbey Borough	1	1	0
Causeway Coast and Glens Borough	3	3	0
Fermanagh and Omagh District	3	3	0
Mid and East Antrim Borough	1	1	0
Mid Ulster District	3	3	0
Newry, Mourne and Down District	4	3	75
All other supplies	245	0	100
Overall	264	19	92.80

Table 12: % Compliance – Nickel

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Mid Ulster District	1	1	0
All other supplies	35	0	100
Overall	36	1	97.22

Table 13: % Compliance – Nitrate

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Fermanagh and Omagh District	1	1	0
All other supplies	134	0	100
Overall	135	1	99.26

Table 14: % Compliance – Nitrite

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Fermanagh and Omagh District	1	1	0
All other supplies	135	0	100
Overall	136	1	99.26

Table 15: % Compliance – Radon

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Derry City and Strabane District	1	1	0
Newry, Mourne and Down District	1	1	0
All other supplies	103	0	100
Overall	105	2	98.10

Table 16: % Compliance – Sodium

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Armagh City, Banbridge and Craigavon Borough	1	1	0
Fermanagh and Omagh District	1	1	0
Lisburn and Castlereagh City	2	2	0
All other supplies	55	0	100
Overall	59	4	93.22

Table 17: % Compliance – Sulphate

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Lisburn and Castlereagh City	1	1	0
All other supplies	35	0	100
Overall	36	1	97.22

Table 18: % Compliance – Turbidity

Sampling Location	Number of Samples	Number of Non-compliant Tests	% Compliance
Causeway Coast and Glens Borough	5	2	60
Mid Ulster District	1	1	0
All other supplies	299	0	100
Overall	302	3	99.01