

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.004	< 0.009	0.014
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76		0	0.000	7.510	27.779	51.760
Ammonium	mg NH4/l	S	76	76		0	0.000	< 0.012	< 0.012	0.013
Antimony	ug/l Sb	S	8	8		0	0.000	0.051	0.078	0.095
Arsenic	ug/l As	S	8	9		0	0.000	0.252	0.303	0.389
Bentazone	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8		0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.001	0.010	0.016
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.338	0.600
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.004	< 0.006	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.009	0.011	0.014
Chloride	mg Cl/l	S	8	8		0	0.000	18.922	21.255	23.252
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.180	0.281	0.385
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.004	< 0.016	0.069
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	2.447	88.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	0.197	14.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.740	1.624	2.540
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	211.000	300.337	355.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.002	0.004
Cyanide	ug/l	AS	9	8		0	0.000	< 0.700	< 1.213	< 1.700
Dicamba	ug/l	AS	9	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	228	229		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.022	0.033
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	mg Cl/l	S	228	229		0	0.000	0.050	0.223	0.880
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	76	76		0	0.000	7.370	7.701	8.010
Iron	ug Fe/l	S	76	76		0	0.000	< 2.000	< 26.549	148.000
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.248	0.665
Linuron	ug/l	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8		0	0.000	0.015	0.037	0.076
MCPB	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76		0	0.000	0.530	2.139	8.890
Mecoprop	ug/l	AS	9	8		0	0.000	< 0.003	< 0.008	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.015	< 0.055
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.056	1.489	2.583
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.361	2.040
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	76	77		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	< 0.050	< 0.089	0.130
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propyzamide	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.190	0.253	0.371
Sodium	S	8	8		0	0.000	12.423	14.225	16.040
Sulphate	S	8	8		0	0.000	41.528	55.656	68.400
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.241	< 0.398
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	228	229		0	0.000	0.090	0.338	0.960
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.210	2.875	3.490
Total Trihalomethanes	S	8	8		0	0.000	37.700	59.930	94.900
Total coliforms	S	228	229		2	0.873	0.000	0.148	30.000
Triclopyr	AS	9	8		0	0.000	< 0.004	< 0.013	0.027
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.110	0.292	3.850

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 91835

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 17-FEB-2016 (ZN0101AE) Total coliforms = 30 No./100.

Sample failed 24-OCT-2016 (ZN0101AE) Total coliforms = 4 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	36	36		0	0.000	8.020	25.607	99.740
Ammonium	mg NH4/l	S	36	37		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.027	0.039	0.052
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	0.009
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.030
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.005	0.006
Bromate	ug/l	S	8	8		0	0.000	1.500	2.300	4.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.008	0.012	0.014
Chloride	mg Cl/l	S	8	9		0	0.000	11.620	16.530	24.420
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.103	0.163	0.245
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.010	0.049
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.540	1.491	3.450
Conductivity	uS/cm 20 C	AS	36	49		0	0.000	109.000	186.531	262.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.007	0.022
Cyanide	ug/l	AS	8	9		0	0.000	1.400	2.478	4.600
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	0.005
E. coli	No./100 ml	S	84	85		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	9		0	0.000	< 0.020	< 0.022	0.031
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	84	85		0	0.000	0.050	0.387	0.970
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	37		0	0.000	6.800	7.351	8.490
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 40.960	165.200
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.053	0.214	0.473
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.007
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.019
Manganese	ug Mn/l	S	36	36		0	0.000	0.440	2.830	9.650
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	< 0.022	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.195	2.375	5.020
Nitrate	mg NO3/l	S	8	9		0	0.000	0.359	0.985	2.250
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		1	2.778	0.000	0.139	5.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.208	0.252
Sodium	S	8	9		0	0.000	8.920	11.070	16.630
Sulphate	S	8	9		0	0.000	35.301	51.489	71.600
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.225	< 0.328
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	85		0	0.000	0.090	0.502	1.100
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.969	1.864	2.710
Total Trihalomethanes	S	8	8		0	0.000	30.300	59.363	85.500
Total coliforms	S	84	85		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.005	0.011
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.080	0.181	0.700

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31486

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 06-SEP-2016 (ZN0202AE) Odour = 5 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0204 - Rathlin Island
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	4	4	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	3.340	4.520	5.340
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4	0	0.000	< 0.010	< 0.025	0.060
Arsenic	ug/l As	S	4	3	0	0.000	< 0.300	< 0.304	0.312
Bentazone	ug/l	AS	4	4	0	0.000	< 0.001	< 0.002	0.005
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	0.022	0.034	0.040
Bromate	ug/l	S	4	4	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.004	< 0.013	0.026
Cadmium	ug/l Cd	S	4	4	0	0.000	0.008	< 0.010	< 0.010
Chloride	mg Cl/l	S	4	4	0	0.000	68.742	69.561	71.050
Chlorotoluron	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	4	4	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	4	4	0	0.000	0.053	0.115	0.245
Clopyralid	ug/l	AS	4	5	0	0.000	< 0.004	< 0.005	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	1.000	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	0.910	1.135	1.380
Conductivity	uS/cm 20 C	AS	4	49	0	0.000	382.000	469.510	486.000
Copper	mg Cu/l	S	4	4	0	0.000	0.001	0.003	0.005
Cyanide	ug/l	AS	4	5	0	0.000	0.820	< 1.524	< 1.700
Dicamba	ug/l	AS	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	4	4	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	4	4	0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	4	4	0	0.000	0.024	0.040	0.055
Fluroxypyr	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.220	0.398	0.550
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.003	< 0.014	< 0.017
Hydrogen Ion	pH value	S	4	12	0	0.000	8.680	8.778	8.890
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 5.113	14.450
Isoproturon	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4	0	0.000	0.054	0.135	0.329
Linuron	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	4	4	0	0.000	< 0.001	< 0.002	< 0.004
MCPB	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4	0	0.000	0.150	0.265	0.390
Mecoprop	ug/l	AS	4	4	0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	4	4	0	0.000	< 0.010	< 0.025	< 0.055
Metalaxyl	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	4	4	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	4	4	0	0.000	< 0.002	< 0.003	0.004
Nickel	ug Ni/l	S	4	4	0	0.000	0.144	0.174	0.206
Nitrate	mg NO3/l	S	4	4	0	0.000	< 0.400	< 1.035	2.050
Nitrite	mg NO2/l	S	4	4	0	0.000	< 0.010	< 0.012	0.018
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	4	4	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	4	4	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0204 - Rathlin Island
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	4	4		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	4	4		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	4	4		0	0.000	< 0.200	< 0.483	0.918
Sodium	S	4	4		0	0.000	18.950	82.283	103.942
Sulphate	S	4	4		0	0.000	12.371	14.672	17.800
Taste	S	4	4		1	25.000	0.000	0.500	2.000
Tebuconazole	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	4	4		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	12		0	0.000	0.300	0.473	0.580
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	4	4		0	0.000	1.090	1.275	1.530
Total Trihalomethanes	S	4	4		0	0.000	57.500	69.888	85.900
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	4	4		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	S	4	4		0	0.000	0.060	0.085	0.110

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 282

This zone has a surface water source :R1706

PCV Exceedances:

Sample failed 01-JUN-2016 (ZN0204AE) Taste = 2 Dilm No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.008
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.011
Aluminium	ug Al/l	S	24	24		0	0.000	17.900	42.501	108.800
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.012	< 0.012	0.023
Antimony	ug/l Sb	S	8	8		0	0.000	0.038	0.054	0.067
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.024	0.041
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.004	0.006
Bromate	ug/l	S	8	8		0	0.000	0.540	1.518	2.100
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.007	0.011
Chloride	mg Cl/l	S	8	8		0	0.000	7.153	10.557	12.323
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.078	0.140	0.211
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.017	0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.870	1.673	3.230
Conductivity	uS/cm 20 C	AS	36	48		0	0.000	91.000	137.500	184.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.016	0.081
Cyanide	ug/l	AS	8	8		0	0.000	1.700	2.350	4.000
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	72	72		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.022	0.038
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	< 0.050	< 0.530	1.510
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24		0	0.000	7.050	7.650	8.470
Iron	ug Fe/l	S	24	24		2	8.333	10.510	59.923	283.900
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.068	0.206	0.671
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	0.012
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.402	7.880
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.759	1.415	2.833
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.136	5.290
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.054	0.080
Phorate	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0302 - Dungonnell Garryford
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.172	< 0.193	< 0.200
Sodium	S	8	8		0	0.000	5.067	7.683	9.437
Sulphate	S	8	8		0	0.000	9.300	29.727	49.800
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.253	< 0.388
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72		0	0.000	0.050	0.603	1.570
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.462	1.808	2.630
Total Trihalomethanes	S	8	8		2	25.000	36.500	74.728	124.900
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.050	0.123	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 18538

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 22-AUG-2016 (ZN0302AE) Iron = 284 ug Fe/.
 Sample failed 06-DEC-2016 (ZN0302AE) Iron = 205 ug Fe/.
 Sample failed 18-JUL-2016 (ZN0302AE) Total Trihalomethanes = 124.9 ug/l.
 Sample failed 30-AUG-2016 (ZN0302AE) Total Trihalomethanes = 109.9 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena

Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	24	24	0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	36	0	0.000	2.360	16.898	31.270
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.059	0.119	0.146
Arsenic	ug/l As	S	8	8	0	0.000	0.271	0.330	0.425
Bentazone	ug/l	AS	24	24	0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.005	0.011	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.438	1.400
Bromoxynil	ug/l	AS	24	24	0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.039
Chloride	mg Cl/l	S	8	8	0	0.000	20.571	23.499	26.422
Chlorotoluron	ug/l	AS	24	24	0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.164	0.301	0.385
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	312	314	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.750	21.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.222	6.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.930	1.643	2.330
Conductivity	uS/cm 20 C	AS	312	314	0	0.000	1.260	350.545	399.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.009	0.021
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	24	24	0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.025	0.039
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.386	0.890
Glyphosate	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.350	7.631	7.970
Iron	ug Fe/l	S	36	36	0	0.000	1.760	18.725	166.400
Isoproturon	ug/l	AS	24	24	0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.057	2.494	10.117
Linuron	ug/l	AS	24	24	0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.955	11.410
Mecoprop	ug/l	AS	24	24	0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.019	< 0.055
Metalaxyl	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24	0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.148	1.365	1.496
Nitrate	mg NO3/l	S	8	8	0	0.000	0.405	1.884	3.711
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	24	24	0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	24	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	24	24		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.181	0.259	0.352
Sodium	S	8	8		0	0.000	8.319	16.267	18.000
Sulphate	S	8	8		0	0.000	5.800	60.006	80.656
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.216	< 0.328
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.110	0.553	1.040
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.780	2.475	3.040
Total Trihalomethanes	S	8	8		0	0.000	31.370	54.795	79.300
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	0.000	0.009	0.025
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.060	0.140	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39662

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 31-MAY-2016 (ZN0303AE) Lead = 10.1 ug Pb.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32		0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	32	32		0	0.000	0.000	0.004	0.011
Aluminium	ug Al/l	S	4	4		0	0.000	13.400	20.838	34.070
Ammonium	mg NH4/l	S	4	4		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4		0	0.000	0.096	0.104	0.108
Arsenic	ug/l As	S	4	4		0	0.000	0.280	0.309	0.357
Bentazone	ug/l	AS	32	32		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	4	4		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4		0	0.000	0.010	0.012	0.015
Bromate	ug/l	S	4	4		0	0.000	< 0.300	< 0.345	0.440
Bromoxynil	ug/l	AS	32	32		0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	4	4		0	0.000	0.005	< 0.007	< 0.010
Chloride	mg Cl/l	S	4	4		0	0.000	19.681	21.072	23.100
Chlorotoluron	ug/l	AS	32	32		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	4	4		0	0.000	0.197	0.304	0.431
Clopyralid	ug/l	AS	32	33		0	0.000	< 0.004	< 0.010	0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	348	350		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4		0	0.000	0.000	0.750	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4		0	0.000	1.350	1.715	2.010
Conductivity	uS/cm 20 C	AS	36	48		0	0.000	91.000	137.500	184.000
Copper	mg Cu/l	S	4	4		0	0.000	0.004	0.024	0.050
Cyanide	ug/l	AS	32	32		0	0.000	< 0.700	< 1.819	5.300
Dicamba	ug/l	AS	32	32		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	32	32		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	32	32		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	12	12		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32		0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	4	4		0	0.000	0.022	0.036	0.049
Fluroxypyr	ug/l	AS	32	32		0	0.000	0.000	0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	12	12		0	0.000	< 0.050	< 0.118	0.220
Glyphosate	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	4		0	0.000	7.670	7.750	7.880
Iron	ug Fe/l	S	4	4		0	0.000	31.910	37.098	51.700
Isoproturon	ug/l	AS	32	32		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	4	8		0	0.000	0.051	< 0.076	< 0.100
Linuron	ug/l	AS	32	32		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	32	32		0	0.000	0.000	0.014	0.026
MCPB	ug/l	AS	32	32		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4		0	0.000	1.220	1.738	2.240
Mecoprop	ug/l	AS	32	32		0	0.000	0.000	0.007	0.014
Mercury	ug/l Hg	S	4	4		0	0.000	0.005	< 0.030	< 0.055
Metalaxyl	ug/l	AS	32	32		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	32	32		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	32	32		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	4	4		0	0.000	1.194	1.388	1.670
Nitrate	mg NO3/l	S	4	4		0	0.000	0.462	1.446	2.423
Nitrite	mg NO2/l	S	4	4		0	0.000	0.007	< 0.009	< 0.010
Odour	Diln No	S	4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32		0	0.000	0.000	0.054	0.104
Phorate	ug/l	AS	32	33		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	32	32		0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	32	32		0	0.000	0.000	< 0.002	< 0.002
Propyzamide	AS	32	32		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	32	32		0	0.000	0.000	< 0.006	< 0.006
Selenium	S	4	4		0	0.000	< 0.200	< 0.232	0.321
Sodium	S	4	4		0	0.000	15.205	16.219	17.041
Sulphate	S	4	4		0	0.000	50.546	57.739	64.039
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	4	4		0	0.000	< 0.200	< 0.302	< 0.408
Tetrachloromethane	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	12		0	0.000	0.130	0.213	0.350
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.462	1.808	2.630
Total Trihalomethanes	S	4	4		0	0.000	46.120	55.398	64.510
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	0.000	0.008	0.025
Tritium	AS	2	2		0	0.000	< 5.000	< 7.500	< 10.000
Turbidity	S	4	4		0	0.000	0.170	0.210	0.260

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 14908

This zone has a surface water source :R1303

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	25	24		0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	52	52		0	0.000	3.200	20.648	68.800
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.118	0.125	0.142
Arsenic	ug/l As	S	8	9		0	0.000	0.260	0.330	0.410
Bentazone	ug/l	AS	25	24		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.010	0.013	0.016
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24		0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.008	0.010
Chloride	mg Cl/l	S	8	8		0	0.000	21.501	23.511	25.891
Chlorotoluron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.157	0.301	0.449
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	314	314		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.288	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.327	11.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.920	1.681	3.770
Conductivity	uS/cm 20 C	AS	312	314		0	0.000	1.260	350.545	399.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.006	0.016
Cyanide	ug/l	AS	25	24		0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	25	24		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	25	24		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.030	0.051
Fluroxypyr	ug/l	AS	25	24		0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.050	0.411	1.350
Glyphosate	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	7.240	7.610	7.910
Iron	ug Fe/l	S	52	52		0	0.000	1.930	15.511	120.600
Isoproturon	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.202	0.675
Linuron	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	25	24		0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 0.819	3.140
Mecoprop	ug/l	AS	25	24		0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	< 0.016	< 0.055
Metalaxyl	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.301	1.459	1.630
Nitrate	mg NO3/l	S	8	8		0	0.000	0.444	1.933	3.609
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	25	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.159	0.247	0.347
Sodium	S	8	8		0	0.000	< 0.300	< 15.421	18.802
Sulphate	S	8	8		0	0.000	59.627	68.407	80.562
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	25	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.263	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.140	0.586	1.570
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.100	2.887	3.490
Total Trihalomethanes	S	8	8		0	0.000	36.800	55.598	73.600
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	25	24		0	0.000	0.000	0.009	0.025
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.080	0.172	1.080

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61644

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.009
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52		2	3.846	10.870	67.115	908.400
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.046	0.062	0.097
Arsenic	ug/l As	S	8	8		0	0.000	0.255	0.300	0.344
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.031
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.006	0.011
Bromate	ug/l	S	8	8		0	0.000	0.920	1.403	1.800
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.007	0.009
Chloride	mg Cl/l	S	8	8		0	0.000	13.650	14.528	15.835
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.172	0.226	0.304
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.004	< 0.011	0.054
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52		1	1.923	0.000	0.019	1.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	1.615	42.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	1.846	47.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.700	1.575	2.680
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	164.000	202.365	249.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.011	0.060
Cyanide	ug/l	AS	8	8		0	0.000	2.100	3.713	5.100
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	132	132		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.021	0.031
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	0.008
Free - Residual disinfectant	mg Cl/l	S	132	132		0	0.000	< 0.050	< 0.481	1.250
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	6.890	7.435	7.930
Iron	ug Fe/l	S	52	52		4	7.692	12.760	222.155	6639.00
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		1	12.500	< 0.100	< 4.282	30.899
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.014	0.040
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		1	1.923	0.560	4.349	93.490
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.010
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.412	1.859	2.173
Nitrate	mg NO3/l	S	8	8		0	0.000	0.353	1.149	2.180
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.053	0.065
Phorate	ug/l	AS	8	11		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Propiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8		0	0.000	0.184	0.241	0.559
Sodium	mg Na/l	S	8	8		0	0.000	9.147	10.610	14.347
Sulphate	mg SO4/l	S	8	8		0	0.000	37.237	43.399	50.200
Taste	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8		0	0.000	< 0.200	< 0.216	< 0.328
Tetrachloromethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	132	132		0	0.000	0.050	0.574	1.350
Total Indicative Dose	mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8		0	0.000	1.330	2.089	2.710
Total Trihalomethanes	ug/l	S	8	8		1	12.500	38.800	65.805	100.500
Total coliforms	No./100 ml	S	132	132		1	0.758	0.000	0.008	1.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.013
Tritium	Bq/l	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	NTU	S	52	52		1	1.923	0.090	0.441	7.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51013

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 26-JAN-2016 (ZN0402AE) Aluminium = 908 ug Al/.
 Sample failed 16-FEB-2016 (ZN0402AE) Aluminium = 302 ug Al/.
 Sample failed 05-DEC-2016 (W1501OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 05-JAN-2016 (ZN0402AE) Iron = 641 ug Fe/.
 Sample failed 26-JAN-2016 (ZN0402AE) Iron = 6639 ug Fe.
 Sample failed 16-FEB-2016 (ZN0402AE) Iron = 534 ug Fe/.
 Sample failed 07-DEC-2016 (ZN0402AE) Iron = 450 ug Fe/.
 Sample failed 01-MAR-2016 (ZN0402AE) Lead = 30.9 ug Pb.
 Sample failed 26-JAN-2016 (ZN0402AE) Manganese = 93.5 ug Mn.
 Sample failed 30-AUG-2016 (ZN0402AE) Total Trihalomethanes = 100.5 ug/l.
 Sample failed 16-JUN-2016 (ZN0402AE) Total coliforms = 1 No./100.
 Sample failed 26-JAN-2016 (ZN0402AE) Turbidity = 7.6 NTU.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.007	0.012
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36		0	0.000	5.970	35.566	196.200
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	0.014
Antimony	ug/l Sb	S	8	8		0	0.000	0.095	0.114	0.127
Arsenic	ug/l As	S	8	8		0	0.000	0.280	0.316	0.364
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.011	0.014	0.025
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.305	0.330
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.008
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.008	0.009
Chloride	mg Cl/l	S	8	8		0	0.000	20.110	21.621	22.916
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.182	0.285	0.439
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.004	< 0.009	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.833	15.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.139	3.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.740	1.591	2.820
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	245.000	344.558	397.000
Copper	mg Cu/l	S	8	8		0	0.000	0.002	0.014	0.051
Cyanide	ug/l	AS	8	8		0	0.000	< 0.700	< 1.313	< 1.700
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.015	0.023	0.041
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	< 0.050	< 0.352	0.930
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	37		0	0.000	7.640	7.858	8.060
Iron	ug Fe/l	S	36	36		0	0.000	1.680	12.997	66.000
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.068	0.579	2.923
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	0.016	0.024	0.037
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 0.742	2.590
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.009	0.017
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.140	1.733	3.157
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 2.207	4.642
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.069	0.103
Phorate	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	0.002

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.182	0.249	0.384
Sodium mg Na/l	S	8	8		0	0.000	12.647	14.295	16.334
Sulphate mg SO4/l	S	8	8		0	0.000	44.839	59.687	85.664
Taste Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.223	< 0.318
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	108	108		0	0.000	0.150	0.495	1.030
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	S	8	8		0	0.000	2.260	2.561	3.230
Total Trihalomethanes ug/l	S	8	8		0	0.000	35.040	48.080	65.100
Total coliforms No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.011	0.027
Tritium Bq/l	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	36	36		0	0.000	0.070	0.113	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41803

This zone has a surface water source :R1301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24		1	4.167	5.600	22.691	273.700
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.074	0.103	0.130
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.028
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.004	0.005
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	< 0.007	< 0.010
Chloride	mg Cl/l	S	8	8		0	0.000	7.860	9.467	11.021
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.086	0.149	0.297
Clopyralid	ug/l	AS	8	11		0	0.000	< 0.004	< 0.012	0.087
Clostridium perfringens (sulph red)	No./100 ml	AS	52	53		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.960	1.533	2.980
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	114.000	131.750	143.000
Copper	mg Cu/l	S	8	8		0	0.000	0.009	0.055	0.292
Cyanide	ug/l	AS	8	8		0	0.000	1.400	2.013	2.600
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	60	60		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.021	0.028
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	0.012
Free - Residual disinfectant	mg Cl/l	S	60	60		0	0.000	0.050	0.460	1.000
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24		0	0.000	6.940	7.132	7.370
Iron	ug Fe/l	S	24	24		1	4.167	2.690	80.998	1098.00
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.063	0.493	2.882
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9		0	0.000	< 0.001	< 0.007	0.016
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24		0	0.000	0.170	2.357	38.240
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.406	2.105	4.038
Nitrate	mg NO3/l	S	8	8		0	0.000	0.386	0.716	2.000
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.067	0.185
Phorate	ug/l	AS	8	11		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.169	0.216	0.379
Sodium	S	8	8		0	0.000	4.710	5.317	5.997
Sulphate	S	8	8		0	0.000	30.769	35.099	40.200
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.214	< 0.308
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.060	0.527	1.130
Total Indicative Dose	AS	1	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.927	1.770	2.770
Total Trihalomethanes	S	8	8		0	0.000	29.680	50.138	78.800
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	2		0	0.000	< 5.000	< 5.500	< 6.000
Turbidity	S	24	24		0	0.000	0.050	0.179	1.900

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24485

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 06-JUL-2016 (ZN0502AE) Aluminium = 274 ug Al/.

Sample failed 06-JUL-2016 (ZN0502AE) Iron = 1098 ug Fe.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh MORMEAL
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	0.012
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	11.870	23.546	42.320
Ammonium	mg NH4/l	S	24	25	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.050	0.101	0.119
Arsenic	ug/l As	S	8	8	0	0.000	0.288	0.308	0.359
Bentazone	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.005	0.009	0.012
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.324	0.470
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.004	< 0.005	0.008
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.008	0.020
Chloride	mg Cl/l	S	8	8	0	0.000	13.489	19.020	24.100
Chlorotoluron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.155	0.226	0.273
Clopyralid	ug/l	AS	16	19	0	0.000	< 0.004	< 0.011	0.087
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	3.083	74.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.830	1.581	3.170
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	245.000	344.558	397.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.033	0.216
Cyanide	ug/l	AS	16	16	0	0.000	< 0.700	< 1.663	2.600
Dicamba	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.015	0.026	0.047
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.050	< 0.265	0.860
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.260	7.738	7.930
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 31.863	93.170
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.062	0.144	0.346
Linuron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	16	17	0	0.000	< 0.001	< 0.015	0.037
MCPB	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	0.360	1.423	4.650
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.001	< 0.006	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	< 0.015	< 0.055
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.087	1.543	2.218
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.605	3.730
Nitrite	mg NO2/l	S	8	8	0	0.000	0.006	< 0.009	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.004
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.068	0.185
Phorate	ug/l	AS	16	19	0	0.000	< 0.001	< 0.004	< 0.004
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	16	16		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.186	0.231	0.309
Sodium	S	8	8		0	0.000	8.312	11.820	13.920
Sulphate	S	8	8		0	0.000	37.453	52.950	78.756
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.233	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	48		0	0.000	0.120	0.370	0.920
Total Indicative Dose	AS	2	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.927	1.770	2.770
Total Trihalomethanes	S	8	8		0	0.000	41.170	56.539	70.620
Total coliforms	S	48	48		1	2.083	0.000	0.083	4.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.008	0.027
Tritium	AS	2	3		0	0.000	< 5.000	< 7.000	< 10.000
Turbidity	S	24	24		0	0.000	0.070	0.140	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19387

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 15-AUG-2016 (ZN0504AE) Total coliforms = 4 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.004	< 0.009	0.014
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24		0	0.000	10.400	25.894	54.090
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.021	0.059	0.086
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.321	0.390
Bentazone	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8		0	0.000	0.018	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.008	0.012
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.725	2.100
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.004	< 0.006	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.012	0.027
Chloride	mg Cl/l	S	8	8		0	0.000	15.473	19.654	22.723
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.051	0.248	0.387
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.004	< 0.016	0.069
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	2.667	46.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.740	1.390	2.400
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	211.000	300.337	355.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.019
Cyanide	ug/l	AS	9	8		0	0.000	< 0.700	< 1.213	< 1.700
Dicamba	ug/l	AS	9	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	60	61		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.015	0.021	0.035
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	mg Cl/l	S	60	61		0	0.000	0.140	0.402	0.720
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	30		0	0.000	7.020	7.746	8.680
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 19.886	99.520
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.068	0.098	0.117
Linuron	ug/l	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8		0	0.000	0.015	0.037	0.076
MCPB	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24		0	0.000	0.610	1.922	4.450
Mecoprop	ug/l	AS	9	8		0	0.000	< 0.003	< 0.008	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.008	< 0.015	< 0.055
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.520	1.185	1.701
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.643	4.090
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	< 0.050	< 0.089	0.130
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples constraven ing PCV	% of samples constraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.299	0.499
Sodium	S	8	8		0	0.000	9.746	12.948	15.215
Sulphate	S	8	8		0	0.000	33.026	63.160	115.400
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.238	< 0.388
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	61		0	0.000	0.210	0.502	0.840
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.210	2.875	3.490
Total Trihalomethanes	S	8	8		0	0.000	30.100	57.755	79.500
Total coliforms	S	60	61		0	0.000	0.000	0.000	0.000
Triclopyr	AS	9	8		0	0.000	< 0.004	< 0.013	0.027
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.060	0.139	0.490

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 20021

This zone has a surface water source :R1701

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.056	< 0.089	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	0.024
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52		0	0.000	5.570	19.484	54.760
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.045	0.059	0.070
Arsenic	ug/l As	S	8	9		0	0.000	0.263	0.328	0.531
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	0.016	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.006	0.009	0.015
Bromate	ug/l	S	8	8		0	0.000	0.990	1.274	1.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.008	0.015
Chloride	mg Cl/l	S	8	8		0	0.000	17.296	21.185	27.041
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.073	0.167	0.302
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.004	< 0.012	0.057
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.750	35.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.442	15.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.510	1.583	2.680
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	177.000	250.590	326.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.001	0.002
Cyanide	ug/l	AS	8	8		0	0.000	< 1.700	< 2.638	3.300
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.006
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	132	132		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.015	0.021	0.032
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	132	132		0	0.000	< 0.050	< 0.413	1.000
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	6.930	7.717	8.010
Iron	ug Fe/l	S	52	52		0	0.000	1.500	20.856	191.600
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9		0	0.000	0.055	0.121	0.337
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	0.015	0.027	0.042
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.470	2.102	14.470
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.007	0.010
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.691	0.951	1.123
Nitrate	mg NO3/l	S	8	8		0	0.000	2.735	4.103	5.000
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.060	0.090
Phorate	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.177	0.289	0.468
Sodium mg Na/l	S	8	8		0	0.000	11.682	12.921	13.813
Sulphate mg SO4/l	S	8	8		0	0.000	27.147	49.559	64.800
Taste Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.294	0.630
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	132	132		0	0.000	0.150	0.498	1.120
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	1.110	1.995	2.730
Total Trihalomethanes ug/l	S	8	8		1	12.500	34.700	59.438	101.100
Total coliforms No./100 ml	S	132	132		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.012
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	52	52		0	0.000	0.060	0.147	2.110

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51470

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 30-AUG-2016 (ZN0603AE) Total Trihalomethanes = 101.1 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.086	< 0.098	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	24	25		1	4.000	5.080	215.577	4630.00
Ammonium	mg NH4/l	S	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.019	0.073	0.340
Arsenic	ug/l As	S	8	8		0	0.000	0.264	< 0.293	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.031
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.005	0.010
Bromate	ug/l	S	8	8		0	0.000	1.000	1.963	2.800
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.010	0.017
Chloride	mg Cl/l	S	8	8		0	0.000	14.970	18.316	23.721
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.073	0.179	0.321
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.010	0.052
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	25		0	0.000	0.000	4.280	107.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	25		0	0.000	0.000	4.640	116.000
Colour	mg/l Pt/Co	S	24	25		0	0.000	0.970	1.488	2.030
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	159.000	206.905	304.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.008	0.047
Cyanide	ug/l	AS	8	9		0	0.000	1.100	1.689	2.700
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	0.003
E. coli	No./100 ml	S	48	49		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.015	0.021	0.025
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	48	49		0	0.000	0.070	0.388	0.890
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	25		0	0.000	6.930	7.834	9.230
Iron	ug Fe/l	S	24	25		3	12.000	< 2.000	< 49.690	290.100
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9		0	0.000	0.060	0.195	0.757
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.007
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	25		0	0.000	0.380	3.802	25.010
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.021	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.547	1.122	3.220
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.653	4.256
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Odour	Diln No	S	24	25		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.051	0.059
Phorate	ug/l	AS	8	11		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.154	0.230	0.396
Sodium	S	8	8		0	0.000	< 0.300	< 9.860	13.413
Sulphate	S	8	8		0	0.000	28.801	61.496	90.600
Taste	S	24	25		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.216	0.330
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	49		0	0.000	0.180	0.482	0.930
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.961	1.599	2.390
Total Trihalomethanes	S	8	8		1	12.500	30.800	64.166	137.610
Total coliforms	S	48	49		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	0.008
Tritium	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	S	24	25		0	0.000	0.060	0.160	0.830

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 16628

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 03-FEB-2016 (ZN0604AE) Aluminium = 4630 ug Al.
 Sample failed 04-MAY-2016 (ZN0604AE) Iron = 290 ug Fe/.
 Sample failed 25-OCT-2016 (ZN0604AE) Iron = 251 ug Fe/.
 Sample failed 05-DEC-2016 (ZN0604AE) Iron = 239 ug Fe/.
 Sample failed 12-SEP-2016 (ZN0604AE) Total Trihalomethanes = 137.6 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0607 - Corrody Derry
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A	& Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
								Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.055	< 0.094	< 0.100
2,4-D	ug/l	AS	16	16		0	0.000	< 0.001	< 0.006	0.014
2,4-DB	ug/l	AS	16	16		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	52	52		1	1.923	7.400	31.043	212.000
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.024	0.049	0.059
Arsenic	ug/l As	S	8	8		0	0.000	0.269	0.328	0.592
Bentazone	ug/l	AS	16	16		0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8		0	0.000	0.015	0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.007	0.011
Bromate	ug/l	S	8	8		0	0.000	0.880	1.468	2.100
Bromoxynil	ug/l	AS	16	16		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.009	0.014
Chloride	mg Cl/l	S	8	8		0	0.000	16.000	20.409	26.071
Chlorotoluron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.113	0.191	0.364
Clopyralid	ug/l	AS	16	17		0	0.000	< 0.004	< 0.013	0.069
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	1.231	60.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.019	1.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.770	1.537	2.150
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	159.000	206.905	304.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.007	0.036
Cyanide	ug/l	AS	16	17		0	0.000	< 0.700	< 1.465	2.700
Dicamba	ug/l	AS	16	16		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	16	16		0	0.000	< 0.001	< 0.002	< 0.003
Diflufenican	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	0.003
E. coli	No./100 ml	S	144	145		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.019	0.021	0.030
Fluroxypyr	ug/l	AS	16	16		0	0.000	< 0.005	< 0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	144	145		0	0.000	0.070	0.391	1.310
Glyphosate	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	7.080	7.684	8.110
Iron	ug Fe/l	S	52	52		2	3.846	1.530	33.201	383.000
Isoproturon	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.087	0.144	0.336
Linuron	ug/l	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	16	16		0	0.000	< 0.001	< 0.020	0.076
MCPB	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		1	1.923	0.430	4.356	70.720
Mecoprop	ug/l	AS	16	16		0	0.000	< 0.001	< 0.005	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.754	1.191	2.260
Nitrate	mg NO3/l	S	8	8		0	0.000	0.377	2.480	4.738
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	16	16		0	0.000	< 0.050	< 0.070	0.130
Phorate	ug/l	AS	16	19		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.003

WATER SUPPLY ZONE - ZN0607 - Corrody Derry
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propachlor	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	16	16		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.169	0.268	0.457
Sodium	S	8	8		0	0.000	5.886	11.657	15.641
Sulphate	S	8	8		0	0.000	30.417	55.043	101.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.222	< 0.328
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	145		0	0.000	0.140	0.477	1.380
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.961	1.599	2.390
Total Trihalomethanes	S	8	8		2	25.000	37.200	67.078	113.700
Total coliforms	S	144	145		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.008	0.027
Tritium	AS	2	2		0	0.000	< 6.000	< 8.000	< 10.000
Turbidity	S	52	52		0	0.000	0.050	0.186	2.410

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 56454

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 21-JUL-2016 (ZN0607AE) Aluminium = 212 ug Al/.
 Sample failed 15-JUN-2016 (ZN0607AE) Iron = 383 ug Fe/.
 Sample failed 21-JUL-2016 (ZN0607AE) Iron = 221 ug Fe/.
 Sample failed 21-JUL-2016 (ZN0607AE) Manganese = 70.7 ug Mn.
 Sample failed 19-JUL-2016 (ZN0607AE) Total Trihalomethanes = 100.6 ug/l.
 Sample failed 31-AUG-2016 (ZN0607AE) Total Trihalomethanes = 113.7 ug/l.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0701 - Derg Strabane
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.006
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	36	36		0	0.000	5.700	23.680	63.030
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.037	0.044	0.054
Arsenic	ug/l As	S	8	8		0	0.000	0.252	0.320	0.383
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.006	0.007	0.008
Bromate	ug/l	S	8	8		0	0.000	0.390	1.836	3.100
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	0.008
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.010	0.017
Chloride	mg Cl/l	S	8	8		0	0.000	16.827	20.891	25.218
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.061	0.175	0.312
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.012	0.075
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.556	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.028	1.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.830	1.934	4.060
Conductivity	uS/cm 20 C	AS	104	106		0	0.000	133.000	200.557	252.000
Copper	mg Cu/l	S	8	8		0	0.000	0.004	0.017	0.050
Cyanide	ug/l	AS	8	8		0	0.000	1.700	3.888	6.500
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	0.013
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.025	0.039
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.008	0.014
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	< 0.050	< 0.374	1.090
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36		0	0.000	7.020	7.500	7.840
Iron	ug Fe/l	S	36	36		1	2.778	1.950	24.592	240.900
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.066	0.408	2.158
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9		1	11.111	< 0.004	< 0.040	0.125
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 1.259	10.580
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.008	0.022
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.416	0.612	0.996
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 2.929	4.890
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	37		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.095	0.183
Phorate	ug/l	AS	8	13		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0701 - Derg Strabane
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.275	0.404
Sodium	S	8	8		0	0.000	10.976	13.421	14.925
Sulphate	S	8	8		0	0.000	19.421	32.937	46.400
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.241	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96		0	0.000	0.080	0.473	1.200
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.983	2.409	3.940
Total Trihalomethanes	S	8	8		3	37.500	27.900	80.128	134.400
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.008	0.016
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.060	0.136	1.030

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38989

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 27-JAN-2016 (ZN0701AE) Iron = 241 ug Fe/.
 Sample failed 01-JUN-2016 (W4501OUT) MCPA = 0.1250 ug/.
 Sample failed 18-JUL-2016 (ZN0701AE) Total Trihalomethanes = 134.4 ug/l.
 Sample failed 31-AUG-2016 (ZN0701AE) Total Trihalomethanes = 124.1 ug/l.
 Sample failed 24-OCT-2016 (ZN0701AE) Total Trihalomethanes = 105.6 ug/l.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.007	0.037
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	0.730	19.423	69.750
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	0.018
Antimony	ug/l Sb	S	8	8	0	0.000	0.034	0.054	0.113
Arsenic	ug/l As	S	8	8	0	0.000	0.270	0.382	0.548
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.019	0.059	0.330
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.004	0.006	0.012
Bromate	ug/l	S	8	8	0	0.000	2.400	3.938	6.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.010	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	16.591	18.355	20.470
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.114	0.166	0.256
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.014	0.060
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	6.333	148.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.580	2.801	6.540
Conductivity	uS/cm 20 C	AS	24	25	0	0.000	118.000	158.640	206.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.026	0.171
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 2.175	3.300
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.005
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	< 0.050	< 0.395	0.800
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	6.910	7.379	7.830
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 32.572	376.300
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.077	0.214	0.491
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.028	0.074
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	0.980	4.355	21.500
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	0.009
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	< 0.015	< 0.055
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	0.018
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.271	0.742	2.675
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 0.826	1.480
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	0.011	0.020
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.079	0.174
Phorate	ug/l	AS	8	10	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.171	0.237	0.339
Sodium mg Na/l	S	8	8		0	0.000	10.754	12.069	13.800
Sulphate mg SO4/l	S	8	8		0	0.000	21.558	31.958	42.700
Taste Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 1.095	< 7.120
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	36	36		0	0.000	0.140	0.492	0.920
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	1.020	2.299	3.680
Total Trihalomethanes ug/l	S	8	8		0	0.000	28.100	49.691	80.510
Total coliforms No./100 ml	S	36	36		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.016	0.092
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	24	24		0	0.000	0.070	0.132	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10694

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 19-APR-2016 (ZN0702AE) Iron = 376 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	24	24	0	0.000	2.000	15.935	101.800
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.023	0.031	0.050
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	0.035
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.004	0.006	0.007
Bromate	ug/l	S	8	8	0	0.000	2.400	3.563	5.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.009	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	5.580	19.772	25.620
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.084	0.168	0.265
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.012	0.050
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.770	1.480	2.210
Conductivity	uS/cm 20 C	AS	36	37	0	0.000	174.000	284.892	401.000
Copper	mg Cu/l	S	8	8	0	0.000	0.006	0.037	0.122
Cyanide	ug/l	AS	8	8	0	0.000	1.400	1.788	2.200
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.025	0.057
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.100	0.626	1.100
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	25	0	0.000	7.340	7.676	7.950
Iron	ug Fe/l	S	24	24	0	0.000	6.670	32.723	187.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.061	0.194	0.294
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	0.012
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	0.180	1.285	7.860
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.026	0.090
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	7	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.373	0.601	1.134
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.480	3.357
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	11	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	7	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.164	0.219	0.297
Sodium mg Na/l	S	8	9		0	0.000	4.250	40.505	74.960
Sulphate mg SO4/l	S	8	8		0	0.000	1.700	48.244	83.700
Taste Diln No	S	24	24		2	8.333	0.000	0.292	5.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.219	< 0.348
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	60	60		0	0.000	0.180	0.724	1.220
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	1.050	1.923	2.720
Total Trihalomethanes ug/l	S	8	8		2	25.000	31.200	71.828	110.900
Total coliforms No./100 ml	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	0.009
Tritium Bq/l	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	24	24		0	0.000	0.060	0.108	0.360

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23032

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 21-SEP-2016 (ZN0704AE) Taste = 2 Diln No.
 Sample failed 09-NOV-2016 (ZN0704AE) Taste = 5 Diln No.
 Sample failed 18-JUL-2016 (ZN0704AE) Total Trihalomethanes = 104.9 ug/l.
 Sample failed 31-AUG-2016 (ZN0704AE) Total Trihalomethanes = 110.9 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24		0	0.000	3.890	12.050	23.580
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.026	0.037	0.094
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.022	0.034
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.005	0.007
Bromate	ug/l	S	8	8		0	0.000	0.950	1.506	2.100
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.008	0.012
Chloride	mg Cl/l	S	8	8		0	0.000	12.410	13.362	14.218
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.085	0.134	0.198
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.018
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	1.125	27.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.167	3.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.560	1.185	1.820
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	135.000	146.285	157.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.004	0.020
Cyanide	ug/l	AS	8	9		0	0.000	1.200	< 1.622	< 1.700
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	36	36		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.007	0.013
Free - Residual disinfectant	mg Cl/l	S	36	36		0	0.000	< 0.050	< 0.491	1.010
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24		0	0.000	7.480	7.935	8.360
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 13.710	66.460
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.090	0.375	2.310
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	0.003	0.010	0.021
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 0.499	2.130
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	0.011
Mercury	ug/l Hg	S	8	8		0	0.000	0.010	< 0.017	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.016
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.238	0.597	0.829
Nitrate	mg NO3/l	S	8	8		0	0.000	0.756	1.614	2.165
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	25		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.053	0.071
Phorate	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	0.008
Selenium ug/l Se	S	8	8		0	0.000	0.150	0.208	0.323
Sodium mg Na/l	S	8	8		0	0.000	7.933	8.638	9.270
Sulphate mg SO4/l	S	8	8		0	0.000	23.777	29.458	36.200
Taste Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.261	< 0.398
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	36	36		0	0.000	0.090	0.583	1.080
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	0.855	1.407	1.870
Total Trihalomethanes ug/l	S	8	8		0	0.000	29.000	41.421	59.710
Total coliforms No./100 ml	S	36	36		2	5.556	0.000	0.556	17.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.006	0.012
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	24	24		0	0.000	0.060	0.096	0.380

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11095

This zone has a surface water source :R4523

PCV Exceedances:

Sample failed 08-SEP-2016 (ZN0705AE) Total coliforms = 3 No./100.
 Sample failed 03-OCT-2016 (ZN0705AE) Total coliforms = 17 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.037
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	24	24	0	0.000	5.780	15.693	34.640
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.023	0.036	0.070
Arsenic	ug/l As	S	8	8	0	0.000	0.291	< 0.299	< 0.300
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.016	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.003	0.005	0.006
Bromate	ug/l	S	8	8	0	0.000	1.300	2.013	2.900
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	< 0.008	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	12.236	14.135	16.190
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.115	0.154	0.198
Clopyralid	ug/l	AS	24	25	0	0.000	< 0.004	< 0.011	0.060
Clostridium perfringens (sulph red)	No./100 ml	AS	112	112	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.010	1.449	1.970
Conductivity	uS/cm 20 C	AS	112	114	0	0.000	118.000	193.981	401.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.006	0.024
Cyanide	ug/l	AS	24	25	0	0.000	< 0.300	< 1.852	3.300
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.010
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.027
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	0.017
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.345	0.770
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	25	0	0.000	7.490	7.956	8.260
Iron	ug Fe/l	S	24	24	0	0.000	3.420	16.718	65.550
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.271	0.790
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.014	0.074
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	0.180	0.837	3.100
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.011
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.017	< 0.055
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.018
Metazachlor	ug/l	AS	24	23	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.439	0.593	0.839
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.619	2.290
Nitrite	mg NO2/l	S	8	8	0	0.000	0.006	0.010	0.013
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.060	0.174
Phorate	ug/l	AS	24	30	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	23	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	0.008
Selenium ug/l Se	S	8	8		0	0.000	0.156	0.219	0.314
Sodium mg Na/l	S	8	8		0	0.000	8.072	9.261	10.390
Sulphate mg SO4/l	S	8	8		0	0.000	24.230	30.385	36.500
Taste Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.216	< 0.328
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	60	60		0	0.000	0.120	0.429	0.840
Total Indicative Dose mSv/year	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.855	1.876	3.680
Total Trihalomethanes ug/l	S	8	8		0	0.000	29.500	51.065	76.400
Total coliforms No./100 ml	S	60	60		1	1.667	0.000	0.117	7.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.004	< 0.009	0.092
Tritium Bq/l	AS	3	3		0	0.000	< 5.000	< 6.667	< 10.000
Turbidity NTU	S	24	24		0	0.000	0.060	0.104	0.410

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22288

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 30-JUN-2016 (ZN0706AE) Total coliforms = 7 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Aluminium	ug Al/l	S	4	4		0	0.000	10.100	11.390	11.960
Ammonium	mg NH4/l	S	4	4		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4		0	0.000	0.061	0.063	0.066
Arsenic	ug/l As	S	4	4		0	0.000	0.275	< 0.294	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	4	4		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4		0	0.000	0.009	0.013	0.020
Bromate	ug/l	S	4	4		0	0.000	0.980	1.645	2.500
Bromoxynil	ug/l	AS	8	9		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	4	4		0	0.000	0.005	< 0.008	< 0.010
Chloride	mg Cl/l	S	4	4		0	0.000	15.476	16.952	17.650
Chlorotoluron	ug/l	AS	8	9		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	4	4		0	0.000	0.064	0.106	0.164
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.006
Clostridium perfringens (sulph red)	No./100 ml	AS	12	12		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4		0	0.000	0.000	1.750	7.000
Colour	mg/l Pt/Co	S	4	4		0	0.000	0.970	1.550	1.920
Conductivity	uS/cm 20 C	AS	12	15		0	0.000	236.000	263.267	306.000
Copper	mg Cu/l	S	4	4		0	0.000	0.001	0.002	0.004
Cyanide	ug/l	AS	8	8		0	0.000	< 0.300	< 1.950	3.000
Dicamba	ug/l	AS	8	8		0	0.000	< 0.005	< 0.011	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	0.000	0.003	0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	12	12		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	4	4		0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.012
Free - Residual disinfectant	mg Cl/l	S	12	12		0	0.000	0.230	0.650	1.170
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	6		0	0.000	7.680	7.790	7.860
Iron	ug Fe/l	S	4	4		0	0.000	1.710	6.058	11.860
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	0.001	0.009	0.017
MCPB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4		0	0.000	0.080	0.323	0.540
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.009
Mercury	ug/l Hg	S	4	4		0	0.000	0.005	< 0.020	< 0.055
Metalaxyl	ug/l	AS	8	9		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	0.000	< 0.003	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	4	4		0	0.000	< 0.100	< 0.903	1.325
Nitrate	mg NO3/l	S	4	4		0	0.000	1.721	2.156	2.560
Nitrite	mg NO2/l	S	4	4		0	0.000	0.007	< 0.009	< 0.010
Odour	Diln No	S	4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	12		0	0.000	0.000	< 0.003	< 0.004
Pirimicarb	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	9		0	0.000	< 0.002	< 0.006	0.011
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	4	4		0	0.000	< 0.200	< 0.226	0.281
Sodium mg Na/l	S	4	4		0	0.000	11.480	20.219	23.760
Sulphate mg SO4/l	S	4	4		0	0.000	50.400	54.661	60.300
Taste Diln No	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	4	4		0	0.000	< 0.200	< 0.247	< 0.388
Tetrachloromethane ug/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	12	12		0	0.000	0.280	0.758	1.280
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	1.730	2.146	2.890
Total Trihalomethanes ug/l	S	4	4		0	0.000	35.300	43.443	53.200
Total coliforms No./100 ml	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	0.012
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	4	4		0	0.000	0.060	0.075	0.090

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4765

This zone has a surface water source :R4722

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen

Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 14.439	65.290
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.063	0.131
Arsenic	ug/l As	S	8	8		0	0.000	0.259	0.350	0.489
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.026
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.011	0.014
Bromate	ug/l	S	8	8		0	0.000	0.690	1.319	2.000
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.009	0.012
Chloride	mg Cl/l	S	8	8		0	0.000	16.437	17.890	19.300
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.100	< 0.419	1.325
Clopyralid	ug/l	AS	8	10		0	0.000	< 0.004	< 0.006	0.015
Clostridium perfringens (sulph red)	No./100 ml	AS	104	103		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.404	15.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.346	8.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.700	1.474	3.330
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	177.000	377.692	481.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.002	0.008
Cyanide	ug/l	AS	8	10		0	0.000	1.600	1.900	3.000
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	192	192		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.025	0.043	0.060
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	192	192		0	0.000	< 0.050	< 0.319	0.860
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	7.350	7.660	8.030
Iron	ug Fe/l	S	52	52		1	1.923	3.140	39.507	489.700
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.139	0.358
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	11		0	0.000	< 0.001	< 0.007	0.011
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.475	13.900
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.007
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	< 0.020	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 1.244	1.703
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.782	2.890
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	13		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.167	0.259	0.414
Sodium mg Na/l	S	8	8		0	0.000	12.461	22.227	40.324
Sulphate mg SO4/l	S	8	8		0	0.000	91.471	112.370	133.100
Taste Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.215	< 0.318
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	192	192		0	0.000	0.090	0.427	1.000
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	1.670	2.586	3.690
Total Trihalomethanes ug/l	S	8	8		0	0.000	37.800	56.253	74.210
Total coliforms No./100 ml	S	192	192		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	0.009
Tritium Bq/l	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity NTU	S	52	52		0	0.000	0.080	0.223	1.570

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 75952

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 11-JUL-2016 (ZN0802AE) Iron = 490 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	12	12		0	0.000	4.190	11.123	28.330
Ammonium	mg NH4/l	S	12	12		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.067	0.149	0.184
Arsenic	ug/l As	S	8	8		0	0.000	0.284	0.390	0.499
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.005	0.012	0.016
Bromate	ug/l	S	8	8		0	0.000	1.000	1.500	1.900
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.019	0.032
Chloride	mg Cl/l	S	8	8		0	0.000	20.252	21.230	22.168
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.176	0.232	0.333
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.016	0.078
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24		1	4.167	0.000	0.042	1.000
Colony Counts 22	No./1 ml	S	12	12		0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12		0	0.000	0.000	1.333	16.000
Colour	mg/l Pt/Co	S	12	12		0	0.000	1.080	1.559	2.120
Conductivity	uS/cm 20 C	AS	24	50		0	0.000	230.000	251.820	275.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.018	0.027
Cyanide	ug/l	AS	8	8		0	0.000	5.100	7.600	13.000
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.013	0.018
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	24	24		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.023	0.034
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	0.008
Free - Residual disinfectant	mg Cl/l	S	24	24		0	0.000	0.050	0.529	1.100
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.009
Hydrogen Ion	pH value	S	12	15		0	0.000	6.940	7.301	7.620
Iron	ug Fe/l	S	12	12		1	8.333	3.930	50.152	222.600
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.080	0.760	2.471
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9		0	0.000	< 0.004	< 0.025	0.054
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	12	12		0	0.000	0.280	2.562	8.440
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.011	0.019
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.019	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.949	2.857	5.323
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.753	3.173
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.068	0.141
Phorate	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.191	0.302	0.560
Sodium	S	8	8		0	0.000	11.919	12.833	13.314
Sulphate	S	8	8		0	0.000	46.217	51.782	55.800
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.225	< 0.398
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	24	24		0	0.000	0.180	0.703	1.200
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.160	2.835	3.440
Total Trihalomethanes	S	8	8		0	0.000	44.100	53.200	67.300
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.008	0.012
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	12	12		0	0.000	0.070	0.310	2.090

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9178

This zone has a surface water source :R2509

PCV Exceedances:

Sample failed 04-APR-2016 (W2509OUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 14-DEC-2016 (ZN1101AE) Iron = 223 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.064	< 0.096	< 0.100
2,4-D	ug/l	AS	8	9		0	0.000	< 0.001	< 0.007	0.014
2,4-DB	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36		0	0.000	0.530	10.236	32.620
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.086	0.112	0.195
Arsenic	ug/l As	S	8	8		0	0.000	0.254	0.353	0.549
Bentazone	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	0.008
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.008	0.010	0.013
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	8	9		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.009	0.017
Chloride	mg Cl/l	S	8	8		0	0.000	15.079	20.050	23.740
Chlorotoluron	ug/l	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.116	0.229	0.419
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.018	0.091
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	4.111	96.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.250	7.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.930	1.675	2.460
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	237.000	328.308	412.000
Copper	mg Cu/l	S	8	8		0	0.000	0.002	0.012	0.031
Cyanide	ug/l	AS	8	11		0	0.000	1.500	4.573	7.700
Dicamba	ug/l	AS	8	9		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	9		0	0.000	< 0.002	< 0.007	< 0.024
Fenpropimorph	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.026	0.040
Fluroxypyr	ug/l	AS	8	9		0	0.000	< 0.005	< 0.012	0.019
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.100	0.617	1.710
Glyphosate	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	39		0	0.000	7.120	7.480	7.890
Iron	ug Fe/l	S	36	36		0	0.000	1.870	16.095	61.900
Isoproturon	ug/l	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		1	12.500	0.065	1.597	11.010
Linuron	ug/l	AS	8	9		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	11		0	0.000	0.019	0.034	0.063
MCPB	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.260	0.931	3.730
Mecoprop	ug/l	AS	8	11		0	0.000	< 0.001	< 0.008	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	< 0.017	< 0.055
Metalaxyl	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	9		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.478	2.087	3.029
Nitrate	mg NO3/l	S	8	8		0	0.000	0.885	2.511	3.660
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	9		0	0.000	0.051	0.080	0.128
Phorate	ug/l	AS	8	10		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
								Min.	Mean	Max.
Propiconazole	ug/l	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	9		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	ug/l	AS	8	9		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8		0	0.000	< 0.200	< 0.259	0.326
Sodium	mg Na/l	S	8	8		0	0.000	19.205	33.997	56.520
Sulphate	mg SO4/l	S	8	8		0	0.000	42.459	69.717	89.600
Taste	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	9		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8		0	0.000	< 0.200	< 0.216	< 0.328
Tetrachloromethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.190	0.793	1.910
Total Indicative Dose	mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	9		0	0.000	1.880	2.684	3.090
Total Trihalomethanes	ug/l	S	8	8		0	0.000	32.600	54.153	68.700
Total coliforms	No./100 ml	S	96	96		1	1.042	0.000	0.021	2.000
Triclopyr	ug/l	AS	8	9		0	0.000	< 0.004	< 0.009	0.015
Tritium	Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36		0	0.000	0.070	0.124	0.290

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 34941

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 02-MAR-2016 (ZN1102AE) Lead = 11.0 ug Pb.

Sample failed 10-MAR-2016 (ZN1102AE) Total coliforms = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24	0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	25	24	0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	36	0	0.000	2.600	19.626	62.500
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.112	0.126	0.141
Arsenic	ug/l As	S	8	8	0	0.000	0.266	0.401	0.705
Bentazone	ug/l	AS	25	24	0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.011	0.014	0.021
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24	0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.008	0.010
Chloride	mg Cl/l	S	8	8	0	0.000	20.929	23.562	26.538
Chlorotoluron	ug/l	AS	25	24	0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.129	0.298	0.405
Clopyralid	ug/l	AS	25	24	0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	314	314	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.167	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.500	1.380	2.510
Conductivity	uS/cm 20 C	AS	312	314	0	0.000	1.260	350.545	399.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.016	0.046
Cyanide	ug/l	AS	25	24	0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	25	24	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	25	24	0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	25	24	0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24	0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.028	0.050
Fluroxypyr	ug/l	AS	25	24	0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.060	0.378	0.810
Glyphosate	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.300	7.616	7.840
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 34.067	147.300
Isoproturon	ug/l	AS	25	24	0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	< 0.100	< 6.287	42.996
Linuron	ug/l	AS	25	24	0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	25	24	0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	25	24	0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.368	3.870
Mecoprop	ug/l	AS	25	24	0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	< 0.015	< 0.055
Metalaxyl	ug/l	AS	25	24	0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	25	24	0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	25	24	0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.220	1.455	1.733
Nitrate	mg NO3/l	S	8	8	0	0.000	0.360	1.560	3.480
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	25	24	0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	25	24	0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	25	24	0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	25	24	0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	25	24	0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	25	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.330	0.661
Sodium	S	8	8		0	0.000	16.010	17.641	20.161
Sulphate	S	8	8		0	0.000	60.652	69.563	87.219
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	25	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.272	0.640
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.170	0.513	0.910
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.100	2.887	3.490
Total Trihalomethanes	S	8	8		0	0.000	44.600	62.403	90.800
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	25	24		0	0.000	0.000	0.009	0.025
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.100	0.230	1.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43964

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 19-JUL-2016 (ZS0101AE) Lead = 43.0 ug Pb.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	25	24		0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	37		0	0.000	2.000	17.570	57.190
Ammonium	mg NH4/l	S	36	37		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.049	0.119	0.160
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.394	0.730
Bentazone	ug/l	AS	25	24		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	9		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.001	0.011	0.014
Bromate	ug/l	S	8	9		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24		0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.008	0.011
Chloride	mg Cl/l	S	8	8		0	0.000	14.480	22.387	26.042
Chlorotoluron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.114	0.289	0.467
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	314	314		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	37		0	0.000	0.000	1.514	15.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	37		0	0.000	0.000	0.081	1.000
Colour	mg/l Pt/Co	S	36	37		0	0.000	0.930	1.500	2.200
Conductivity	uS/cm 20 C	AS	312	314		0	0.000	1.260	350.545	399.000
Copper	mg Cu/l	S	8	8		0	0.000	0.002	0.006	0.014
Cyanide	ug/l	AS	25	24		0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	25	24		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	25	24		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	108	109		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.026	0.052
Fluroxypyr	ug/l	AS	25	24		0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	108	109		0	0.000	< 0.050	< 0.286	0.770
Glyphosate	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	40		0	0.000	7.380	7.605	7.830
Iron	ug Fe/l	S	36	37		0	0.000	< 2.000	< 31.047	121.000
Isoproturon	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 2.205	5.675
Linuron	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	25	24		0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	37		0	0.000	0.280	1.295	5.080
Mecoprop	ug/l	AS	25	24		0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.015	< 0.055
Metalaxyl	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.221	1.455	1.871
Nitrate	mg NO3/l	S	8	8		0	0.000	0.367	2.014	3.777
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	37		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	9		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide ug/l	AS	25	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.170	0.286	0.443
Sodium mg Na/l	S	8	8		0	0.000	16.677	17.609	18.667
Sulphate mg SO4/l	S	8	8		0	0.000	60.668	68.705	79.300
Taste Diln No	S	36	37		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.217	< 0.338
Tetrachloromethane ug/l	S	8	8		0	0.000	0.058	< 0.095	< 0.100
Total - Residual disinfectant mg Cl/l	S	108	109		0	0.000	0.090	0.431	2.000
Total Indicative Dose mSv/year	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	12	12		0	0.000	2.100	2.887	3.490
Total Trihalomethanes ug/l	S	8	8		0	0.000	45.600	65.046	89.800
Total coliforms No./100 ml	S	108	109		2	1.835	0.000	0.018	1.000
Triclopyr ug/l	AS	25	24		0	0.000	0.000	0.009	0.025
Tritium Bq/l	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	36	37		0	0.000	0.100	0.179	0.430

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 47492

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 03-AUG-2016 (ZS0102AE) Total coliforms = 1 No./100.

Sample failed 18-OCT-2016 (ZS0102AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48		0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	48	48		0	0.000	0.000	0.004	0.009
Aluminium	ug Al/l	S	52	52		0	0.000	22.610	47.738	99.600
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.052	0.058	0.065
Arsenic	ug/l As	S	8	8		0	0.000	0.262	0.295	0.301
Bentazone	ug/l	AS	48	48		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.005	0.006
Bromate	ug/l	S	8	8		0	0.000	0.420	0.745	1.200
Bromoxynil	ug/l	AS	48	48		0	0.000	0.000	0.005	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.019	0.025	0.035
Chloride	mg Cl/l	S	8	8		0	0.000	7.530	8.770	10.070
Chlorotoluron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.061	0.120	0.138
Clopyralid	ug/l	AS	48	48		0	0.000	< 0.004	< 0.009	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	677	680		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.808	28.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.212	9.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.500	1.111	3.580
Conductivity	uS/cm 20 C	AS	938	940		0	0.000	< 2.000	< 269.306	478.000
Copper	mg Cu/l	S	8	8		0	0.000	0.003	0.008	0.017
Cyanide	ug/l	AS	48	50		0	0.000	< 0.700	< 1.762	5.300
Dicamba	ug/l	AS	48	48		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	48	48		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	144	144		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	48	48		0	0.000	0.000	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.061	0.082	0.111
Fluroxypyr	ug/l	AS	48	48		0	0.000	0.000	0.007	0.017
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	0.050	0.334	0.760
Glyphosate	ug/l	AS	48	48		0	0.000	0.000	0.003	0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	6.590	7.464	7.870
Iron	ug Fe/l	S	52	52		1	1.923	1.770	22.822	220.700
Isoproturon	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.051	0.409	1.053
Linuron	ug/l	AS	48	48		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	48	48		0	0.000	0.000	0.010	0.026
MCPB	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 1.097	5.510
Mecoprop	ug/l	AS	48	48		0	0.000	0.000	0.005	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.208	0.677	2.251
Nitrate	mg NO3/l	S	8	8		0	0.000	1.234	1.589	2.810
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48		0	0.000	0.000	0.003	0.006
Pesticides - Total Substances	ug/l	AS	48	48		0	0.000	0.000	0.053	0.104
Phorate	ug/l	AS	48	50		0	0.000	< 0.001	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	48	48		0	0.000	0.000	0.002	0.002
Propyzamide	AS	48	48		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	48	48		0	0.000	0.000	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.228	0.333
Sodium	S	8	8		0	0.000	< 0.300	< 5.302	7.270
Sulphate	S	8	8		0	0.000	11.434	14.399	19.100
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	48	48		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.235	< 0.358
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.070	0.392	0.800
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	60	60		0	0.000	0.554	2.354	3.490
Total Trihalomethanes	S	8	8		0	0.000	30.580	45.213	59.900
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	48	48		0	0.000	0.000	0.007	0.025
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.070	0.152	0.730

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58667

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 28-JUL-2016 (ZS0103AE) Iron = 221 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48		0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	48	48		0	0.000	0.000	0.004	0.009
Aluminium	ug Al/l	S	36	36		0	0.000	11.810	37.768	81.600
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.063	0.076	0.101
Arsenic	ug/l As	S	8	8		0	0.000	0.263	< 0.293	< 0.300
Bentazone	ug/l	AS	48	48		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.028
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.007	0.008	0.013
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.511	0.890
Bromoxynil	ug/l	AS	48	48		0	0.000	0.000	0.005	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.012	0.021	0.028
Chloride	mg Cl/l	S	8	8		0	0.000	8.160	12.703	19.977
Chlorotoluron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.105	0.189	0.379
Clopyralid	ug/l	AS	48	48		0	0.000	< 0.004	< 0.009	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	677	680		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	38		0	0.000	0.000	3.053	63.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	38		0	0.000	0.000	2.158	70.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.530	1.103	1.910
Conductivity	uS/cm 20 C	AS	938	940		0	0.000	< 2.000	< 269.306	478.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.006	0.022
Cyanide	ug/l	AS	48	50		0	0.000	< 0.700	< 1.762	5.300
Dicamba	ug/l	AS	48	48		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	48	48		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	108	110		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	48	48		0	0.000	0.000	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.033	0.075	0.122
Fluroxypyr	ug/l	AS	48	48		0	0.000	0.000	0.007	0.017
Free - Residual disinfectant	mg Cl/l	S	108	110		0	0.000	0.060	0.331	0.730
Glyphosate	ug/l	AS	48	48		0	0.000	0.000	0.003	0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	6.930	7.495	7.890
Iron	ug Fe/l	S	36	36		0	0.000	1.700	24.119	114.700
Isoproturon	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9		0	0.000	0.052	0.213	0.662
Linuron	ug/l	AS	48	48		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	48	48		0	0.000	0.000	0.010	0.026
MCPB	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.720	1.602	3.600
Mecoprop	ug/l	AS	48	48		0	0.000	0.000	0.005	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.018	< 0.055
Metalaxyl	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.303	0.870	2.487
Nitrate	mg NO3/l	S	8	8		0	0.000	0.543	1.415	2.100
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48		0	0.000	0.000	0.003	0.006
Pesticides - Total Substances	ug/l	AS	48	48		0	0.000	0.000	0.053	0.104
Phorate	ug/l	AS	48	50		0	0.000	< 0.001	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	48	48		0	0.000	0.000	0.002	0.002
Propyzamide	AS	48	48		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	48	48		0	0.000	0.000	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.221	0.303
Sodium	S	8	8		0	0.000	5.757	9.614	17.526
Sulphate	S	8	8		0	0.000	12.944	30.899	74.330
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	48	48		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.237	< 0.378
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	110		0	0.000	0.100	0.398	0.790
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	60	60		0	0.000	0.554	2.354	3.490
Total Trihalomethanes	S	8	8		0	0.000	35.500	49.028	61.600
Total coliforms	S	108	110		1	0.909	0.000	0.027	3.000
Triclopyr	AS	48	48		0	0.000	0.000	0.007	0.025
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.131	0.220

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41587

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-SEP-2016 (ZS0104AE) Total coliforms = 3 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48		0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	48	48		0	0.000	0.000	0.004	0.009
Aluminium	ug Al/l	S	52	52		0	0.000	18.250	44.408	87.200
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	0.024
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.061	0.105
Arsenic	ug/l As	S	8	8		0	0.000	0.264	0.293	0.314
Bentazone	ug/l	AS	48	48		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	0.016	0.021	0.033
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.001	0.006	0.011
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.546	1.100
Bromoxynil	ug/l	AS	48	48		0	0.000	0.000	0.005	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.021	0.032
Chloride	mg Cl/l	S	8	8		0	0.000	8.190	11.474	19.271
Chlorotoluron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.059	0.170	0.487
Clopyralid	ug/l	AS	48	48		0	0.000	< 0.004	< 0.009	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	677	680		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.500	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	2.327	120.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.510	1.211	2.000
Conductivity	uS/cm 20 C	AS	938	940		0	0.000	< 2.000	< 269.306	478.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.007	0.017
Cyanide	ug/l	AS	48	50		0	0.000	< 0.700	< 1.762	5.300
Dicamba	ug/l	AS	48	48		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	48	48		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	144	144		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	48	48		0	0.000	0.000	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.032	0.074	0.113
Fluroxypyr	ug/l	AS	48	48		0	0.000	0.000	0.007	0.017
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	0.050	0.401	0.800
Glyphosate	ug/l	AS	48	48		0	0.000	0.000	0.003	0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.040	7.455	7.900
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 16.276	66.340
Isoproturon	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.088	0.921	5.721
Linuron	ug/l	AS	48	48		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	48	48		0	0.000	0.000	0.010	0.026
MCPB	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 1.246	3.410
Mecoprop	ug/l	AS	48	48		0	0.000	0.000	0.005	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	< 0.016	< 0.055
Metalaxyl	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.267	0.758	1.196
Nitrate	mg NO3/l	S	8	8		0	0.000	0.715	1.670	2.080
Nitrite	mg NO2/l	S	8	9		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48		0	0.000	0.000	0.003	0.006
Pesticides - Total Substances	ug/l	AS	48	48		0	0.000	0.000	0.053	0.104
Phorate	ug/l	AS	48	50		0	0.000	< 0.001	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	48	48		0	0.000	0.000	0.002	0.002
Propyzamide	AS	48	48		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	48	48		0	0.000	0.000	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.253	0.429
Sodium	S	8	8		0	0.000	5.661	7.977	14.334
Sulphate	S	8	8		0	0.000	12.982	24.023	46.788
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	48	48		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.244	< 0.378
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.050	0.471	0.880
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	60	60		0	0.000	0.554	2.354	3.490
Total Trihalomethanes	S	8	8		0	0.000	16.500	46.565	62.700
Total coliforms	S	144	144		1	0.694	0.000	0.014	2.000
Triclopyr	AS	48	48		0	0.000	0.000	0.007	0.025
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.090	0.150	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55917

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 28-NOV-2016 (ZS0105AE) Total coliforms = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	25	24		0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	36		0	0.000	4.180	21.778	114.100
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	0.014
Antimony	ug/l Sb	S	8	8		0	0.000	0.115	0.134	0.176
Arsenic	ug/l As	S	8	8		0	0.000	0.260	0.321	0.416
Bentazone	ug/l	AS	25	24		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.011	0.013	0.015
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24		0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.007	0.009
Chloride	mg Cl/l	S	8	8		0	0.000	20.775	23.827	25.711
Chlorotoluron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.110	0.265	0.425
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	314	314		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.806	45.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.306	9.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.980	1.586	2.770
Conductivity	uS/cm 20 C	AS	312	314		0	0.000	1.260	350.545	399.000
Copper	mg Cu/l	S	8	8		0	0.000	0.004	0.009	0.025
Cyanide	ug/l	AS	25	24		0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	25	24		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	25	24		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	120	120		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.028	0.063
Fluroxypyr	ug/l	AS	25	24		0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.050	0.370	0.920
Glyphosate	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36		0	0.000	7.350	7.650	7.970
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 38.424	462.400
Isoproturon	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 1.294	4.987
Linuron	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	25	24		0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.300	1.683	13.900
Mecoprop	ug/l	AS	25	24		0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.236	1.449	1.578
Nitrate	mg NO3/l	S	8	8		0	0.000	0.372	2.069	3.647
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide ug/l	AS	25	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.301	0.418
Sodium mg Na/l	S	8	8		0	0.000	16.722	17.858	19.157
Sulphate mg SO4/l	S	8	8		0	0.000	59.634	69.342	85.104
Taste Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.263	< 0.398
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	120	120		0	0.000	0.150	0.508	1.100
Total Indicative Dose mSv/year	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	12	12		0	0.000	2.100	2.887	3.490
Total Trihalomethanes ug/l	S	8	8		0	0.000	44.410	60.304	81.600
Total coliforms No./100 ml	S	120	120		4	3.333	0.000	0.383	13.000
Triclopyr ug/l	AS	25	24		0	0.000	0.000	0.009	0.025
Tritium Bq/l	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	36	36		0	0.000	0.110	0.255	2.470

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46685

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 22-JUN-2016 (ZS0106AE) Iron = 462 ug Fe/.
 Sample failed 05-MAY-2016 (ZS0106AE) Total coliforms = 12 No./100.
 Sample failed 25-MAY-2016 (ZS0106AE) Total coliforms = 8 No./100.
 Sample failed 08-JUN-2016 (ZS0106AE) Total coliforms = 13 No./100.
 Sample failed 26-AUG-2016 (ZS0106AE) Total coliforms = 13 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	32	32	0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	36	0	0.000	4.660	26.813	131.900
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.052	0.085	0.117
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.315	0.386
Bentazone	ug/l	AS	32	32	0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.010	0.012	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.634	1.500
Bromoxynil	ug/l	AS	32	32	0	0.000	0.000	0.005	0.011
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	< 0.008	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	17.752	21.010	23.500
Chlorotoluron	ug/l	AS	32	33	0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	32	33	0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.114	0.276	0.366
Clopyralid	ug/l	AS	32	33	0	0.000	< 0.004	< 0.007	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	416	418	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 12.111	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.500	15.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.550	1.250	2.480
Conductivity	uS/cm 20 C	AS	938	940	0	0.000	< 2.000	< 269.306	478.000
Copper	mg Cu/l	S	8	8	0	0.000	0.004	0.010	0.031
Cyanide	ug/l	AS	32	32	0	0.000	< 0.700	< 1.759	5.300
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	32	32	0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	32	33	0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.033	0.053
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.000	0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.268	0.830
Glyphosate	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.140	7.596	7.820
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 32.205	72.080
Isoproturon	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.076	1.248	8.060
Linuron	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	32	35	0	0.000	0.000	0.012	0.026
MCPB	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.840	3.300	8.560
Mecoprop	ug/l	AS	32	32	0	0.000	0.000	0.007	0.014
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	< 0.015	< 0.055
Metalaxyl	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.270	1.829	2.674
Nitrate	mg NO3/l	S	8	8	0	0.000	0.450	1.569	3.158
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	0.000	0.054	0.104
Phorate	ug/l	AS	32	35	0	0.000	0.000	< 0.003	< 0.004
Pirimicarb	ug/l	AS	32	33	0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	32	32		0	0.000	0.000	< 0.002	< 0.002
Propyzamide	AS	32	32		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	32	32		0	0.000	0.000	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.183	0.248	0.416
Sodium	S	8	8		0	0.000	13.014	15.236	17.880
Sulphate	S	8	8		0	0.000	52.583	68.102	76.027
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.240	< 0.388
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.080	0.383	0.860
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	60	60		0	0.000	0.554	2.354	3.490
Total Trihalomethanes	S	8	8		0	0.000	24.900	48.986	76.900
Total coliforms	S	108	108		2	1.852	0.000	> 0.944	>100.000
Triclopyr	AS	32	32		0	0.000	0.000	0.008	0.025
Tritium	AS	2	2		0	0.000	< 5.000	< 7.500	< 10.000
Turbidity	S	36	36		0	0.000	0.110	0.203	0.420

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42258

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 24-MAY-2016 (ZS0107AE) Total coliforms = >100 No./l.
 Sample failed 04-AUG-2016 (ZS0107AE) Total coliforms = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48		0	0.000	0.000	0.004	0.012
2,4-DB	ug/l	AS	48	48		0	0.000	0.000	0.004	0.009
Aluminium	ug Al/l	S	36	36		0	0.000	23.120	46.330	93.750
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.049	0.059	0.080
Arsenic	ug/l As	S	8	8		0	0.000	0.252	< 0.294	< 0.300
Bentazone	ug/l	AS	48	48		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	0.019	0.022	0.034
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.006	0.016
Bromate	ug/l	S	8	8		0	0.000	0.300	0.620	0.920
Bromoxynil	ug/l	AS	48	48		0	0.000	0.000	0.005	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.012	0.038	0.132
Chloride	mg Cl/l	S	8	8		0	0.000	7.810	8.655	9.921
Chlorotoluron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.100	< 0.223	0.541
Clopyralid	ug/l	AS	48	48		0	0.000	< 0.004	< 0.009	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	677	680		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.528	45.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.510	1.134	1.860
Conductivity	uS/cm 20 C	AS	938	940		0	0.000	< 2.000	< 269.306	478.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.032	0.195
Cyanide	ug/l	AS	48	50		0	0.000	< 0.700	< 1.762	5.300
Dicamba	ug/l	AS	48	48		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.003
Diiflufenican	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	48	48		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	48	48		0	0.000	0.000	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.060	0.086	0.113
Fluroxypyr	ug/l	AS	48	48		0	0.000	0.000	0.007	0.017
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.050	0.364	0.710
Glyphosate	ug/l	AS	48	48		0	0.000	0.000	0.003	0.010
Hydrogen Ion	pH value	S	36	39		0	0.000	6.860	7.502	8.930
Iron	ug Fe/l	S	36	36		0	0.000	1.590	15.574	61.900
Isoproturon	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		2	25.000	0.079	7.510	45.026
Linuron	ug/l	AS	48	48		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	48	48		0	0.000	0.000	0.010	0.026
MCPB	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 0.883	2.260
Mecoprop	ug/l	AS	48	48		0	0.000	0.000	0.005	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.019	< 0.055
Metalaxyl	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	48	48		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.213	1.402	9.106
Nitrate	mg NO3/l	S	8	8		0	0.000	1.237	1.585	2.070
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48		0	0.000	0.000	0.003	0.006
Pesticides - Total Substances	ug/l	AS	48	48		0	0.000	0.000	0.053	0.104
Phorate	ug/l	AS	48	50		0	0.000	< 0.001	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48		0	0.000	0.000	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
								Min.	Mean	Max.
Propiconazole	AS	48	48			0	0.000	0.000	0.002	0.002
Propyzamide	AS	48	48			0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	48	48			0	0.000	0.000	< 0.006	< 0.006
Selenium	S	8	8			0	0.000	0.169	0.195	0.203
Sodium	S	8	8			0	0.000	5.597	6.435	9.790
Sulphate	S	8	8			0	0.000	11.471	14.185	18.900
Taste	S	36	36			0	0.000	0.000	0.000	0.000
Tebuconazole	AS	48	48			0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8			0	0.000	< 0.200	< 0.221	< 0.308
Tetrachloromethane	S	8	8			0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96			0	0.000	0.080	0.417	0.780
Total Indicative Dose	AS	2	2			0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	60	60			0	0.000	0.554	2.354	3.490
Total Trihalomethanes	S	8	8			0	0.000	14.600	40.884	55.000
Total coliforms	S	96	96			0	0.000	0.000	0.000	0.000
Triclopyr	AS	48	48			0	0.000	0.000	0.007	0.025
Tritium	AS	2	2			0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36			0	0.000	0.080	0.113	0.190

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38535

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 20-APR-2016 (ZS0108AE) Lead = 45.0 ug Pb.

Sample failed 20-OCT-2016 (ZS0108AE) Lead = 11.7 ug Pb.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36		1	2.778	< 1.000	<226.027	6997.00
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.033	0.040	0.049
Arsenic	ug/l As	S	8	8		0	0.000	0.263	< 0.295	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.007	0.009	0.010
Bromate	ug/l	S	8	8		0	0.000	0.610	1.033	1.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	< 0.007	< 0.010
Chloride	mg Cl/l	S	8	8		0	0.000	14.300	16.101	17.757
Chlorotoluron	ug/l	AS	8	9		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.173	0.260	0.346
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.006
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.528	16.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.222	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.640	0.985	1.730
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	263.000	303.135	353.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.016	0.037
Cyanide	ug/l	AS	8	8		0	0.000	1.500	2.113	4.100
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.027	0.045
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.007	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	< 0.050	< 0.362	1.490
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36		0	0.000	7.120	7.534	7.810
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 38.413	542.700
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.086	1.283	9.124
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	11		0	0.000	< 0.001	< 0.003	0.006
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		1	2.778	1.110	5.654	54.570
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	0.005
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.812	2.281	2.967
Nitrate	mg NO3/l	S	8	8		0	0.000	0.832	2.143	3.030
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	11		0	0.000	0.000	< 0.003	< 0.004
Pirimicarb	ug/l	AS	8	9		0	0.000	0.000	< 0.002	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.175	0.242	0.422
Sodium mg Na/l	S	8	8		0	0.000	10.703	12.031	12.943
Sulphate mg SO4/l	S	8	8		0	0.000	61.827	75.191	94.000
Taste Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.233	< 0.348
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	108	108		0	0.000	0.050	0.460	1.630
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	0.300	0.964	1.220
Total Trihalomethanes ug/l	S	8	8		0	0.000	22.500	30.225	42.200
Total coliforms No./100 ml	S	108	108		1	0.926	0.000	0.167	18.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	36	36		0	0.000	0.090	0.234	2.110

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43533

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 04-FEB-2016 (ZS0109AE) Aluminium = 6997 ug Al.
 Sample failed 07-DEC-2016 (ZS0109AE) Iron = 543 ug Fe/.
 Sample failed 07-DEC-2016 (ZS0109AE) Manganese = 54.6 ug Mn.
 Sample failed 16-JUN-2016 (ZS0109AE) Total coliforms = 18 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	0.000	0.005	0.012
2,4-DB	ug/l	AS	25	24		0	0.000	0.000	0.003	0.006
Aluminium	ug Al/l	S	36	36		0	0.000	1.400	20.697	77.840
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.116	0.128	0.146
Arsenic	ug/l As	S	8	8		0	0.000	0.263	0.362	0.597
Bentazone	ug/l	AS	25	24		0	0.000	0.000	0.001	0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.025
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.010	0.013	0.016
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24		0	0.000	0.000	0.006	0.011
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.007	0.009
Chloride	mg Cl/l	S	8	8		0	0.000	21.089	23.502	25.120
Chlorotoluron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.119	0.266	0.388
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.004	< 0.008	0.067
Clostridium perfringens (sulph red)	No./100 ml	AS	314	314		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.750	33.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	1.111	35.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.510	1.503	2.730
Conductivity	uS/cm 20 C	AS	312	314		0	0.000	1.260	350.545	399.000
Cyanide	ug/l	AS	25	24		0	0.000	< 0.700	< 1.642	5.300
Dicamba	ug/l	AS	25	24		0	0.000	0.000	< 0.012	< 0.012
Dichlorprop	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.003
Diflufenican	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Diuron	ug/l	AS	25	24		0	0.000	0.000	0.003	0.004
E. coli	No./100 ml	S	84	84		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.029	0.052
Fluroxypyr	ug/l	AS	25	24		0	0.000	0.000	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	84	84		0	0.000	< 0.050	< 0.316	0.990
Glyphosate	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36		0	0.000	7.350	7.699	8.040
Iron	ug Fe/l	S	36	36		0	0.000	1.630	25.748	189.900
Isoproturon	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.777	1.683
Linuron	ug/l	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	25	24		0	0.000	0.000	0.016	0.026
MCPB	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.200	1.212	6.360
Mecoprop	ug/l	AS	25	24		0	0.000	0.000	0.008	0.014
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.017	< 0.055
Metalaxyl	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.005
Metamitron	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Metazachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Metoxuron	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002
Metribuzin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.200	1.618	2.601
Nitrate	mg NO3/l	S	8	8		0	0.000	0.389	2.074	3.872
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	0.000	0.055	0.104
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	25	24		0	0.000	0.000	< 0.003	< 0.003
Propachlor	ug/l	AS	25	24		0	0.000	0.000	< 0.004	< 0.004
Propiconazole	ug/l	AS	25	24		0	0.000	0.000	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propyzamide	AS	25	24		0	0.000	0.000	< 0.006	< 0.010
Prothioconazole	AS	25	24		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.279	0.472
Sodium	S	8	8		0	0.000	16.686	18.017	22.091
Sulphate	S	8	8		0	0.000	60.208	69.175	85.016
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	25	24		0	0.000	0.000	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.278	0.620
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.090	0.446	1.110
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.100	2.887	3.490
Total Trihalomethanes	S	8	8		0	0.000	41.250	58.711	74.200
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	25	24		0	0.000	0.000	0.009	0.025
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.178	0.940

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 32032

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36		1	2.778	1.480	35.914	315.000
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.033	0.039	0.045
Arsenic	ug/l As	S	8	8		0	0.000	0.264	< 0.296	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.007	0.009	0.012
Bromate	ug/l	S	8	8		0	0.000	0.380	0.975	1.500
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	< 0.008	< 0.010
Chloride	mg Cl/l	S	8	8		0	0.000	13.920	15.514	17.655
Chlorotoluron	ug/l	AS	8	9		0	0.000	0.000	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.167	0.291	0.409
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.006
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.361	9.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.056	1.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.580	0.964	1.680
Conductivity	uS/cm 20 C	AS	104	104		0	0.000	263.000	303.135	353.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.006	0.017
Cyanide	ug/l	AS	8	8		0	0.000	1.500	2.113	4.100
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	9		0	0.000	0.000	< 0.003	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.025	0.035
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.007	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	< 0.050	< 0.432	0.890
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	40		0	0.000	6.990	7.574	7.950
Iron	ug Fe/l	S	36	36		0	0.000	1.910	19.599	101.500
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.053	0.152	0.341
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	11		0	0.000	< 0.001	< 0.003	0.006
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	1.070	4.081	13.430
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	0.005
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.648	2.431	3.888
Nitrate	mg NO3/l	S	8	8		0	0.000	0.851	2.034	3.079
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	11		0	0.000	0.000	< 0.003	< 0.004
Pirimicarb	ug/l	AS	8	9		0	0.000	0.000	< 0.002	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.188	0.252	0.461
Sodium	S	8	8		0	0.000	10.541	11.862	12.927
Sulphate	S	8	8		0	0.000	60.367	74.559	93.400
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.215	< 0.318
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	< 0.050	< 0.534	1.010
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.300	0.964	1.220
Total Trihalomethanes	S	8	8		0	0.000	19.200	26.808	40.300
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.080	0.179	0.540

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41660

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 26-APR-2016 (ZS0201AE) Aluminium = 315 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	76	76		2	2.632	17.440	56.388	385.600
Ammonium	mg NH4/l	S	76	76		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.053	0.058	0.068
Arsenic	ug/l As	S	8	8		0	0.000	0.290	< 0.299	< 0.300
Bentazone	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.006	0.010
Bromate	ug/l	S	8	8		0	0.000	0.450	0.640	0.990
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.016	0.032	0.049
Chloride	mg Cl/l	S	8	8		0	0.000	8.290	8.761	9.852
Chlorotoluron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.077	0.108	0.160
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.004	< 0.011	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	365	366		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	3.079	110.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	0.684	33.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.510	1.084	1.780
Conductivity	uS/cm 20 C	AS	365	368		0	0.000	< 2.000	< 76.206	304.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.015
Cyanide	ug/l	AS	24	26		0	0.000	< 1.700	< 1.873	2.500
Dicamba	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	204	204		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.051	0.077	0.111
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.012
Free - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	< 0.050	< 0.361	0.880
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Hydrogen Ion	pH value	S	76	77		0	0.000	6.740	7.491	7.970
Iron	ug Fe/l	S	76	76		0	0.000	1.550	24.730	132.700
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.057	0.537	1.986
Linuron	ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.010
MCPB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76		0	0.000	< 0.100	< 1.329	15.720
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	< 0.024	< 0.055
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.375	0.624
Nitrate	mg NO3/l	S	8	8		0	0.000	1.330	1.657	2.080
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	76		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.050	< 0.052	0.095
Phorate	ug/l	AS	24	26		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.173	0.222	0.383
Sodium mg Na/l	S	8	8		0	0.000	5.590	6.142	7.261
Sulphate mg SO4/l	S	8	8		0	0.000	12.062	15.322	19.469
Taste Diln No	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.222	< 0.378
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	204	204		0	0.000	< 0.050	< 0.418	0.920
Total Indicative Dose mSv/year	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.554	1.096	1.560
Total Trihalomethanes ug/l	S	8	8		0	0.000	28.400	41.128	53.510
Total coliforms No./100 ml	S	204	204		1	0.490	0.000	0.088	18.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	0.010
Tritium Bq/l	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	76	76		0	0.000	0.070	0.153	1.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 81113

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 08-FEB-2016 (ZS0401AE) Aluminium = 386 ug Al/.
 Sample failed 10-MAY-2016 (ZS0401AE) Aluminium = 213 ug Al/.
 Sample failed 07-SEP-2016 (ZS0401AE) Total coliforms = 18 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	76	76		2	2.632	20.460	60.736	453.300
Ammonium	mg NH4/l	S	76	76		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.050	0.057	0.064
Arsenic	ug/l As	S	8	8		0	0.000	0.250	< 0.289	< 0.300
Bentazone	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.005	0.007
Bromate	ug/l	S	8	8		0	0.000	0.460	0.691	1.100
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.022	0.028	0.040
Chloride	mg Cl/l	S	8	8		0	0.000	8.137	8.685	9.710
Chlorotoluron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.053	0.133	0.180
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.004	< 0.011	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	365	366		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	1.724	57.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	> 5.184	>300.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.550	1.181	2.150
Conductivity	uS/cm 20 C	AS	365	368		0	0.000	< 2.000	< 76.206	304.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.166	0.053
Cyanide	ug/l	AS	24	26		0	0.000	< 1.700	< 1.873	2.500
Dicamba	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	204	204		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.059	0.090	0.130
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.012
Free - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	< 0.050	< 0.349	0.750
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Hydrogen Ion	pH value	S	76	76		0	0.000	6.790	7.564	8.690
Iron	ug Fe/l	S	76	76		1	1.316	1.620	30.988	272.600
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.071	0.447	1.085
Linuron	ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.010
MCPB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76		0	0.000	< 0.100	< 1.630	38.490
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.016	< 0.055
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.175	0.611	2.162
Nitrate	mg NO3/l	S	8	8		0	0.000	1.218	1.615	2.830
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	76	76		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.050	< 0.052	0.095
Phorate	ug/l	AS	24	26		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.192	0.227	0.360
Sodium	S	8	8		0	0.000	5.614	5.948	7.130
Sulphate	S	8	8		0	0.000	11.156	13.760	19.000
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.238	< 0.398
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	204	204		0	0.000	0.050	0.402	0.830
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.554	1.096	1.560
Total Trihalomethanes	S	8	8		0	0.000	28.300	40.371	54.700
Total coliforms	S	204	204		1	0.490	0.000	0.005	1.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.010
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.060	0.171	1.940

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 83176

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 26-JAN-2016 (ZS0404AE) Aluminium = 379 ug Al/.

Sample failed 06-JUL-2016 (ZS0404AE) Aluminium = 453 ug Al/.

Sample failed 24-FEB-2016 (ZS0404AE) Iron = 273 ug Fe/.

Sample failed 14-OCT-2016 (ZS0404AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	52	52		0	0.000	11.770	42.614	131.900
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	0.013
Antimony	ug/l Sb	S	8	8		0	0.000	0.048	0.104	0.167
Arsenic	ug/l As	S	8	8		0	0.000	0.252	0.315	0.385
Bentazone	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.031
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.005	0.010	0.019
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.589	1.100
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.020	0.032	0.057
Chloride	mg Cl/l	S	8	8		0	0.000	8.147	16.767	25.147
Chlorotoluron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.099	0.230	0.363
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.004	< 0.011	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	365	366		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.442	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.385	17.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.510	1.479	5.270
Conductivity	uS/cm 20 C	AS	365	368		0	0.000	< 2.000	< 76.206	304.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.005	0.009
Cyanide	ug/l	AS	24	26		0	0.000	< 1.700	< 1.873	2.500
Dicamba	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	144	144		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.050	0.100
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.012
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	< 0.050	< 0.379	0.980
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.190	7.670	8.980
Iron	ug Fe/l	S	52	52		1	1.923	1.930	23.104	205.500
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.063	0.415	1.763
Linuron	ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.010
MCPB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.310	1.360	5.910
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.017	< 0.055
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.197	0.976	1.708
Nitrate	mg NO3/l	S	8	8		0	0.000	0.418	1.302	2.810
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.050	< 0.052	0.095
Phorate	ug/l	AS	24	26		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.161	0.272	0.414
Sodium	S	8	8		0	0.000	5.648	12.567	20.200
Sulphate	S	8	8		0	0.000	14.067	47.273	80.628
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.257	< 0.378
Tetrachloromethane	S	8	8		0	0.000	0.075	< 0.097	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.090	0.496	1.050
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.554	1.096	1.560
Total Trihalomethanes	S	8	8		0	0.000	29.390	51.564	81.800
Total coliforms	S	144	144		1	0.694	0.000	0.007	1.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.010
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.080	0.167	0.540

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 30370

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-FEB-2016 (ZS0501AE) Iron = 206 ug Fe/.

Sample failed 16-JUN-2016 (ZS0501AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.004	< 0.012	0.017
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52		0	0.000	12.300	25.888	105.200
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	0.013
Antimony	ug/l Sb	S	8	8		0	0.000	0.118	0.136	0.158
Arsenic	ug/l As	S	8	8		0	0.000	0.280	0.324	0.433
Bentazone	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	0.005
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.011	0.014	0.017
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.320	0.380
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.004	< 0.006	0.009
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.009	0.012
Chloride	mg Cl/l	S	8	8		0	0.000	20.715	23.367	24.483
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.126	0.312	0.441
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.004	< 0.005	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	106	105		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	6.865	82.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	1.173	33.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.510	1.757	2.700
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	4.500	381.290	430.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.017	0.073
Cyanide	ug/l	AS	9	8		0	0.000	< 0.700	< 1.238	< 1.700
Dicamba	ug/l	AS	9	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.004
Diuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.034	0.047
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.005	< 0.010	0.018
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	< 0.050	< 0.238	0.780
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		0	0.000	7.620	7.830	7.980
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 17.976	137.900
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.057	0.547	1.327
Linuron	ug/l	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8		0	0.000	0.021	0.031	0.049
MCPB	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.180	1.511	9.080
Mecoprop	ug/l	AS	9	8		0	0.000	0.005	0.010	0.018
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.005
Metamitron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.327	1.530	1.966
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 1.974	4.488
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	53		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	0.004
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	0.072	0.082	0.117
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.003
Propachlor	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Propiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	0.003

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propyzamide	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.290	0.392
Sodium	S	8	8		0	0.000	14.376	19.013	24.940
Sulphate	S	8	8		0	0.000	65.548	76.292	85.976
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.232	< 0.328
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.130	0.369	0.830
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.600	3.095	3.530
Total Trihalomethanes	S	8	8		0	0.000	62.400	71.069	79.000
Total coliforms	S	156	156		1	0.641	0.000	0.077	12.000
Triclopyr	AS	9	8		0	0.000	0.004	0.015	0.029
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.090	0.173	0.440

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58352

PCV Exceedances:

Sample failed 02-NOV-2016 (ZS0502AE) Total coliforms = 12 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.004	< 0.012	0.017
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24		0	0.000	11.850	23.710	42.030
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.012	< 0.012	0.014
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.141	0.283
Arsenic	ug/l As	S	8	8		0	0.000	0.270	0.334	0.427
Bentazone	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	0.005
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.001	0.012	0.016
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.004	< 0.006	0.009
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.011	0.014
Chloride	mg Cl/l	S	8	8		0	0.000	20.979	23.568	25.724
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.100	< 0.299	0.520
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.004	< 0.005	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	106	105		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	6.167	133.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.458	10.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.840	1.662	2.390
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	4.500	381.290	430.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.008	0.036
Cyanide	ug/l	AS	9	8		0	0.000	< 0.700	< 1.238	< 1.700
Dicamba	ug/l	AS	9	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	9	8		0	0.000	< 0.002	< 0.003	< 0.004
Diuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	72	72		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.017	0.030	0.048
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.005	< 0.010	0.018
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	0.050	0.354	0.830
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24		0	0.000	7.670	7.858	8.020
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 11.155	39.330
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.070	0.183	0.755
Linuron	ug/l	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8		0	0.000	0.021	0.031	0.049
MCPB	ug/l	AS	9	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24		0	0.000	0.310	0.787	2.290
Mecoprop	ug/l	AS	9	8		0	0.000	0.005	0.010	0.018
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.005
Metamitron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.297	1.568	1.812
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 2.010	4.318
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.003	< 0.004	0.004
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	0.072	0.082	0.117
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.004
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.001	< 0.003	< 0.003
Propachlor	ug/l	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.004
Propiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	0.003

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propyzamide	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.273	0.412
Sodium	S	8	8		0	0.000	15.296	19.457	24.800
Sulphate	S	8	8		0	0.000	64.617	75.817	88.790
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	9	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.265	< 0.418
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72		0	0.000	0.140	0.490	1.060
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.600	3.095	3.530
Total Trihalomethanes	S	8	8		0	0.000	63.610	67.730	72.400
Total coliforms	S	72	72		2	2.778	0.000	0.028	1.000
Triclopyr	AS	9	8		0	0.000	0.004	0.015	0.029
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.100	0.148	0.260

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27471

PCV Exceedances:

Sample failed 03-AUG-2016 (ZS0503AE) Total coliforms = 1 No./100.

Sample failed 24-AUG-2016 (ZS0503AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	52	52		0	0.000	15.350	47.492	111.400
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	0.029
Antimony	ug/l Sb	S	8	8		0	0.000	0.051	0.094	0.300
Arsenic	ug/l As	S	8	8		0	0.000	0.257	0.299	0.337
Bentazone	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.006	0.010
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.580	0.880
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.015	0.026	0.036
Chloride	mg Cl/l	S	8	8		0	0.000	7.710	8.229	8.510
Chlorotoluron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.061	0.126	0.212
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.004	< 0.011	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	365	366		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.923	36.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	1.346	53.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.560	1.229	4.380
Conductivity	uS/cm 20 C	AS	365	368		0	0.000	< 2.000	< 76.206	304.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.004	0.007
Cyanide	ug/l	AS	24	26		0	0.000	< 1.700	< 1.873	2.500
Dicamba	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	132	133		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.060	0.082	0.116
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.012
Free - Residual disinfectant	mg Cl/l	S	132	133		0	0.000	0.050	0.465	0.830
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.170	7.533	8.610
Iron	ug Fe/l	S	52	52		0	0.000	1.530	11.464	77.110
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.169	0.530
Linuron	ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.010
MCPB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.170	0.856	6.880
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.015	< 0.055
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.159	1.042	6.523
Nitrate	mg NO3/l	S	8	8		0	0.000	1.219	1.596	2.110
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	53		1	1.887	0.000	0.189	10.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.050	< 0.052	0.095
Phorate	ug/l	AS	24	26		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.170	0.240	0.541
Sodium mg Na/l	S	8	8		0	0.000	5.620	9.487	23.925
Sulphate mg SO4/l	S	8	8		0	0.000	11.257	13.674	16.900
Taste Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.241	< 0.408
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	132	133		0	0.000	0.070	0.542	0.970
Total Indicative Dose mSv/year	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.554	1.096	1.560
Total Trihalomethanes ug/l	S	8	8		0	0.000	26.490	35.614	43.300
Total coliforms No./100 ml	S	132	133		2	1.504	0.000	0.278	36.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	0.010
Tritium Bq/l	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity NTU	S	52	52		0	0.000	0.060	0.112	0.470

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 54512

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 16-AUG-2016 (ZS0601AE) Odour = 10 Diln No.
 Sample failed 05-SEP-2016 (ZS0601AE) Total coliforms = 36 No./100.
 Sample failed 13-SEP-2016 (ZS0601AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.006
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	36	36		0	0.000	9.400	52.744	139.300
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.050	0.075	0.171
Arsenic	ug/l As	S	8	8		0	0.000	0.255	< 0.294	< 0.300
Bentazone	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.028
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.005	0.009
Bromate	ug/l	S	8	8		0	0.000	0.450	0.706	1.000
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.013	0.025	0.029
Chloride	mg Cl/l	S	8	8		0	0.000	7.450	9.010	14.410
Chlorotoluron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.083	0.137	0.173
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.004	< 0.011	0.095
Clostridium perfringens (sulph red)	No./100 ml	AS	365	366		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.389	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.250	5.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.620	1.220	4.640
Conductivity	uS/cm 20 C	AS	365	368		0	0.000	< 2.000	< 76.206	304.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.009	0.037
Cyanide	ug/l	AS	24	26		0	0.000	< 1.700	< 1.873	2.500
Dicamba	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Diflufenican	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.024
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.052	0.084	0.126
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.012
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.050	0.414	0.880
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Hydrogen Ion	pH value	S	36	39		0	0.000	7.090	7.564	8.910
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 12.607	141.500
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.086	0.130	0.358
Linuron	ug/l	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24		0	0.000	< 0.001	< 0.003	0.010
MCPB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.230	1.115	13.110
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.194	0.436	1.063
Nitrate	mg NO3/l	S	8	8		0	0.000	1.213	2.559	9.022
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.050	< 0.052	0.095
Phorate	ug/l	AS	24	26		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.152	0.204	0.306
Sodium	S	8	8		0	0.000	5.560	6.024	7.829
Sulphate	S	8	8		0	0.000	11.246	13.908	16.700
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.258	< 0.398
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.080	0.488	0.920
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.554	1.096	1.560
Total Trihalomethanes	S	8	8		0	0.000	28.490	43.338	51.400
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.010
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.070	0.117	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41227

This zone has a surface water source :R3302

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	AS	13	12		0	0.000	0.003	0.007	0.013
2,4-DB	AS	13	12		0	0.000	< 0.003	< 0.004	0.006
Aluminium	S	24	24		0	0.000	14.740	28.648	73.740
Ammonium	S	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	S	8	8		0	0.000	0.126	0.138	0.152
Arsenic	S	8	8		0	0.000	0.285	0.323	0.372
Bentazone	AS	13	12		0	0.000	< 0.001	< 0.002	0.002
Benzene	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	0.003
Boron	S	8	8		0	0.000	0.013	0.013	0.014
Bromate	S	8	8		0	0.000	< 0.300	< 0.404	0.930
Bromoxynil	AS	13	12		0	0.000	< 0.004	< 0.006	0.009
Cadmium	S	8	8		0	0.000	0.006	0.012	0.021
Chloride	S	8	8		0	0.000	20.690	23.210	24.473
Chlorotoluron	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	S	8	8		0	0.000	0.127	0.287	0.439
Clopyralid	AS	13	12		1	8.333	< 0.004	< 0.025	0.220
Clostridium perfringens (sulph red)	AS	262	261		1	0.383	0.000	0.027	7.000
Colony Counts 22	S	24	24		0	0.000	0.000	0.958	19.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	0.042	1.000
Colour	S	24	24		0	0.000	0.920	1.726	2.510
Conductivity	AS	260	260		0	0.000	310.000	381.150	478.000
Copper	S	8	8		0	0.000	0.001	0.007	0.018
Cyanide	AS	13	12		0	0.000	< 0.700	< 1.642	4.800
Dicamba	AS	13	12		0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	AS	13	12		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	AS	13	12		0	0.000	< 0.003	< 0.004	0.007
E. coli	S	72	72		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	AS	13	12		0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	S	8	8		0	0.000	0.020	0.032	0.071
Fluroxypyr	AS	13	12		0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	S	72	72		0	0.000	< 0.050	< 0.398	0.800
Glyphosate	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	S	24	24		0	0.000	7.290	7.703	7.870
Iron	S	24	24		0	0.000	< 2.000	< 23.467	62.570
Isoproturon	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Lead	S	8	8		0	0.000	0.070	0.139	0.395
Linuron	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	AS	13	12		0	0.000	0.021	0.031	0.052
MCPB	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	S	24	24		0	0.000	0.123	1.876	17.770
Mecoprop	AS	13	12		0	0.000	0.005	0.011	0.017
Mercury	S	8	8		0	0.000	0.010	< 0.017	< 0.055
Metalaxyl	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	AS	13	12		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	S	8	8		0	0.000	1.402	1.759	2.395
Nitrate	S	8	8		0	0.000	< 0.400	< 2.052	4.487
Nitrite	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.010	< 0.011	0.016
Pendimethalin	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	AS	13	12		0	0.000	< 0.050	< 0.096	0.302
Phorate	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Pirimicarb	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	13	12		0	0.000	< 0.002	< 0.002	0.002

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
								Min.	Mean	Max.
Propyzamide	AS	13	12			0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	13	12			0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8			0	0.000	< 0.200	< 0.323	0.440
Sodium	S	8	8			0	0.000	15.688	18.455	20.900
Sulphate	S	8	8			0	0.000	59.967	75.291	89.197
Taste	S	24	24			0	0.000	0.000	0.000	0.000
Tebuconazole	AS	13	12			0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8			0	0.000	< 0.200	< 0.234	< 0.318
Tetrachloromethane	S	8	8			0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72			0	0.000	0.170	0.559	1.000
Total Indicative Dose	AS	2	1			0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12			0	0.000	2.700	3.078	3.380
Total Trihalomethanes	S	8	8			0	0.000	45.000	59.951	72.400
Total coliforms	S	72	72			0	0.000	0.000	0.000	0.000
Triclopyr	AS	13	12			0	0.000	< 0.004	< 0.013	0.028
Tritium	AS	2	1			0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24			0	0.000	0.080	0.191	0.600

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58932

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-MAR-2016 (W2308POUT) Clopyralid = 0.2200 ug/.

Sample failed 09-APR-2016 (W2308POUT) Clostridium perfringens (sulph red) = 7 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	AS	13	12		0	0.000	0.003	0.007	0.013
2,4-DB	AS	13	12		0	0.000	< 0.003	< 0.004	0.006
Aluminium	S	76	76		0	0.000	< 1.000	< 25.028	78.180
Ammonium	S	76	76		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	S	8	8		0	0.000	0.117	0.133	0.158
Arsenic	S	8	8		0	0.000	0.272	0.330	0.393
Bentazone	AS	13	12		0	0.000	< 0.001	< 0.002	0.002
Benzene	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	S	8	8		0	0.000	0.007	0.013	0.017
Bromate	S	8	8		0	0.000	< 0.300	< 0.306	0.330
Bromoxynil	AS	13	12		0	0.000	< 0.004	< 0.006	0.009
Cadmium	S	8	8		0	0.000	0.006	0.011	0.016
Chloride	S	8	8		0	0.000	22.012	23.109	23.905
Chlorotoluron	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	S	8	8		0	0.000	0.172	0.260	0.361
Clopyralid	AS	13	12		1	8.333	< 0.004	< 0.025	0.220
Clostridium perfringens (sulph red)	AS	262	261		1	0.383	0.000	0.027	7.000
Colony Counts 22	S	76	76		0	0.000	0.000	> 5.934	>300.000
Colony Counts 37 (48hrs)	S	76	76		0	0.000	0.000	3.289	208.000
Colour	S	76	76		0	0.000	0.720	1.656	2.490
Conductivity	AS	260	260		0	0.000	310.000	381.150	478.000
Copper	S	8	8		0	0.000	0.003	0.008	0.012
Cyanide	AS	13	12		0	0.000	< 0.700	< 1.642	4.800
Dicamba	AS	13	12		0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	AS	13	12		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	AS	13	12		0	0.000	< 0.003	< 0.004	0.007
E. coli	S	204	204		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	AS	13	12		0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	S	8	8		0	0.000	0.019	0.031	0.072
Fluroxypyr	AS	13	12		0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	S	204	204		0	0.000	0.050	0.433	0.950
Glyphosate	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	S	76	76		0	0.000	7.380	7.707	7.950
Iron	S	76	76		2	2.632	< 2.000	< 45.031	343.000
Isoproturon	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Lead	S	8	8		0	0.000	0.093	0.864	5.694
Linuron	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	AS	13	12		0	0.000	0.021	0.031	0.052
MCPB	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	S	76	76		0	0.000	0.360	2.533	14.070
Mecoprop	AS	13	12		0	0.000	0.005	0.011	0.017
Mercury	S	8	8		0	0.000	< 0.010	< 0.024	< 0.055
Metalaxyl	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	AS	13	12		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	S	8	8		0	0.000	1.323	3.151	7.058
Nitrate	S	8	8		0	0.000	< 0.400	< 1.813	4.081
Nitrite	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	S	76	76		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	AS	13	12		0	0.000	< 0.050	< 0.096	0.302
Phorate	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Pirimicarb	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	13	12		0	0.000	< 0.002	< 0.002	0.002

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propyzamide	AS	13	12		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.177	0.287	0.409
Sodium	S	8	8		0	0.000	17.117	19.204	21.830
Sulphate	S	8	8		0	0.000	62.837	78.933	93.473
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.266	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	204	204		0	0.000	0.050	0.597	1.170
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.700	3.078	3.380
Total Trihalomethanes	S	8	8		0	0.000	41.500	55.470	64.600
Total coliforms	S	204	204		4	1.961	0.000	0.044	6.000
Triclopyr	AS	13	12		0	0.000	< 0.004	< 0.013	0.028
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.090	0.198	0.780

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 83675

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-MAR-2016 (W2308POUT) Clopyralid = 0.2200 ug/.
 Sample failed 09-APR-2016 (W2308POUT) Clostridium perfringens (sulph red) = 7 No./100.
 Sample failed 10-FEB-2016 (ZS0808AE) Iron = 301 ug Fe/.
 Sample failed 22-NOV-2016 (ZS0808AE) Iron = 343 ug Fe/.
 Sample failed 22-JAN-2016 (ZS0808AE) Total coliforms = 1 No./100.
 Sample failed 08-JUN-2016 (ZS0808AE) Total coliforms = 1 No./100.
 Sample failed 23-AUG-2016 (ZS0808AE) Total coliforms = 1 No./100.
 Sample failed 13-SEP-2016 (ZS0808AE) Total coliforms = 6 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	13	12		0	0.000	0.003	0.007	0.013
2,4-DB	ug/l	AS	13	12		0	0.000	< 0.003	< 0.004	0.006
Aluminium	ug Al/l	S	52	52		0	0.000	9.410	28.665	182.800
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.130	0.142	0.162
Arsenic	ug/l As	S	8	8		0	0.000	0.270	0.322	0.398
Bentazone	ug/l	AS	13	12		0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8		0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.011	0.013	0.016
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	13	12		0	0.000	< 0.004	< 0.006	0.009
Cadmium	ug/l Cd	S	8	8		0	0.000	0.008	0.011	0.013
Chloride	mg Cl/l	S	8	8		0	0.000	21.390	23.308	25.354
Chlorotoluron	ug/l	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.174	0.304	0.427
Clopyralid	ug/l	AS	13	12		1	8.333	< 0.004	< 0.025	0.220
Clostridium perfringens (sulph red)	No./100 ml	AS	262	261		1	0.383	0.000	0.027	7.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	> 10.231	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	3.192	68.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.740	1.686	2.750
Conductivity	uS/cm 20 C	AS	260	260		0	0.000	310.000	381.150	478.000
Copper	mg Cu/l	S	8	8		0	0.000	0.002	0.012	0.039
Cyanide	ug/l	AS	13	12		0	0.000	< 0.700	< 1.642	4.800
Dicamba	ug/l	AS	13	12		0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	13	12		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	13	12		0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	13	12		0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	13	12		0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.019	0.033	0.047
Fluroxypyr	ug/l	AS	13	12		0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	< 0.050	< 0.328	1.020
Glyphosate	ug/l	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	53		0	0.000	7.360	7.684	7.900
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 18.552	97.310
Isoproturon	ug/l	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9		0	0.000	0.052	0.199	0.579
Linuron	ug/l	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	13	12		0	0.000	0.021	0.031	0.052
MCPB	ug/l	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.240	1.194	3.420
Mecoprop	ug/l	AS	13	12		0	0.000	0.005	0.011	0.017
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.023	< 0.055
Metalaxyl	ug/l	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	13	12		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	13	12		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	1.373	1.749	2.925
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 2.006	4.441
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	13	12		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	13	12		0	0.000	< 0.050	< 0.096	0.302
Phorate	ug/l	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.004
Pirimicarb	ug/l	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	13	12		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	13	12		0	0.000	< 0.002	< 0.002	0.002

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples conraven ing PCV	% of samples conraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	13	12		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.193	0.249	0.311
Sodium	S	8	8		0	0.000	13.615	18.412	21.462
Sulphate	S	8	8		0	0.000	66.223	75.296	85.447
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.252	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.101	0.110
Total - Residual disinfectant	S	156	156		0	0.000	0.100	0.485	1.110
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.700	3.078	3.380
Total Trihalomethanes	S	8	8		0	0.000	54.510	71.463	87.900
Total coliforms	S	156	156		2	1.282	0.000	0.051	6.000
Triclopyr	AS	13	12		0	0.000	< 0.004	< 0.013	0.028
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.090	0.193	0.820

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63129

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-MAR-2016 (W2308POUT) Clopyralid = 0.2200 ug/.
 Sample failed 09-APR-2016 (W2308POUT) Clostridium perfringens (sulph red) = 7 No./100.
 Sample failed 04-MAR-2016 (ZS0809AE) Total coliforms = 6 No./100.
 Sample failed 11-MAR-2016 (ZS0809AE) Total coliforms = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	13	12	0	0.000	0.003	0.007	0.013
2,4-DB	ug/l	AS	13	12	0	0.000	< 0.003	< 0.004	0.006
Aluminium	ug Al/l	S	36	36	0	0.000	4.490	27.054	92.100
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.013
Antimony	ug/l Sb	S	8	8	0	0.000	0.046	0.134	0.168
Arsenic	ug/l As	S	8	8	0	0.000	0.250	0.320	0.450
Bentazone	ug/l	AS	13	12	0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.005	0.012	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.353	0.720
Bromoxynil	ug/l	AS	13	12	0	0.000	< 0.004	< 0.006	0.009
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.014	0.027
Chloride	mg Cl/l	S	8	8	0	0.000	21.258	23.404	24.646
Chlorotoluron	ug/l	AS	13	12	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	13	12	0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.124	0.305	0.481
Clopyralid	ug/l	AS	13	12	1	8.333	< 0.004	< 0.025	0.220
Clostridium perfringens (sulph red)	No./100 ml	AS	262	261	1	0.383	0.000	0.027	7.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 8.389	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.611	20.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.610	1.689	2.360
Conductivity	uS/cm 20 C	AS	260	260	0	0.000	310.000	381.150	478.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.014	0.064
Cyanide	ug/l	AS	13	12	0	0.000	< 0.700	< 1.642	4.800
Dicamba	ug/l	AS	13	12	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	13	12	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	13	12	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	13	12	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	13	12	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	13	12	0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.035	0.057
Fluroxypyr	ug/l	AS	13	12	0	0.000	< 0.005	< 0.011	0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.451	1.050
Glyphosate	ug/l	AS	13	12	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.400	7.710	8.030
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 21.030	142.500
Isoproturon	ug/l	AS	13	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.069	3.538	17.066
Linuron	ug/l	AS	13	12	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	13	12	0	0.000	0.021	0.031	0.052
MCPB	ug/l	AS	13	12	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.596	10.570
Mecoprop	ug/l	AS	13	12	0	0.000	0.005	0.011	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.016	< 0.055
Metalaxyl	ug/l	AS	13	12	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	13	12	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	13	12	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	13	12	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	13	12	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.359	2.127	3.350
Nitrate	mg NO3/l	S	8	8	0	0.000	0.366	1.858	4.326
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	37	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	13	12	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	13	12	0	0.000	< 0.050	< 0.096	0.302
Phorate	ug/l	AS	13	12	0	0.000	< 0.002	< 0.003	< 0.004
Pirimicarb	ug/l	AS	13	12	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	13	12	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	13	12	0	0.000	< 0.002	< 0.002	0.002

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propyzamide	AS	13	12		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole	AS	13	12		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.154	0.237	0.359
Sodium	S	8	8		0	0.000	16.750	19.182	22.021
Sulphate	S	8	8		0	0.000	66.520	79.026	90.146
Taste	S	36	36		1	2.778	0.000	0.083	3.000
Tebuconazole	AS	13	12		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.272	< 0.408
Tetrachloromethane	S	8	8		0	0.000	0.059	< 0.095	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.090	0.613	1.260
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	12	12		0	0.000	2.700	3.078	3.380
Total Trihalomethanes	S	8	8		0	0.000	45.600	64.138	78.600
Total coliforms	S	108	108		2	1.852	0.000	0.352	37.000
Triclopyr	AS	13	12		0	0.000	< 0.004	< 0.013	0.028
Tritium	AS	2	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.188	0.640

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51958

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-MAR-2016 (W2308POUT) Clopyralid = 0.2200 ug/.
 Sample failed 09-APR-2016 (W2308POUT) Clostridium perfringens (sulph red) = 7 No./100.
 Sample failed 21-APR-2016 (ZS0810AE) Lead = 17.1 ug Pb.
 Sample failed 07-JUL-2016 (ZS0810AE) Taste = 3 Diln No.
 Sample failed 04-FEB-2016 (ZS0810AE) Total coliforms = 1 No./100.
 Sample failed 08-JUN-2016 (ZS0810AE) Total coliforms = 37 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	14	0	0.000	0.003	0.007	0.013
2,4-DB	ug/l	AS	20	14	0	0.000	< 0.003	< 0.004	0.006
Aluminium	ug Al/l	S	24	24	0	0.000	5.750	26.010	67.980
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.112	0.134	0.146
Arsenic	ug/l As	S	8	8	0	0.000	0.275	0.327	0.405
Bentazone	ug/l	AS	20	14	0	0.000	< 0.001	< 0.002	0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.006	0.013	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.365	0.790
Bromoxynil	ug/l	AS	20	14	0	0.000	< 0.004	< 0.006	0.009
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	21.329	23.173	24.950
Chlorotoluron	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	20	13	0	0.000	< 0.002	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.171	0.280	0.395
Clopyralid	ug/l	AS	20	14	1	7.143	< 0.004	< 0.023	0.220
Clostridium perfringens (sulph red)	No./100 ml	AS	272	264	1	0.379	0.000	0.027	7.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.167	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.510	1.310	2.100
Conductivity	uS/cm 20 C	AS	260	260	0	0.000	310.000	381.150	478.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.010	0.040
Cyanide	ug/l	AS	20	14	0	0.000	< 0.700	< 1.993	4.800
Dicamba	ug/l	AS	20	14	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	20	14	0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	20	13	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	20	14	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	20	14	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	20	13	0	0.000	< 0.001	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.023	0.031
Fluroxypyr	ug/l	AS	20	14	0	0.000	< 0.005	< 0.010	0.018
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.499	1.020
Glyphosate	ug/l	AS	20	14	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.180	7.724	7.880
Iron	ug Fe/l	S	24	24	0	0.000	1.680	12.541	43.380
Isoproturon	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.090	0.333	1.688
Linuron	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	20	14	0	0.000	0.021	0.030	0.052
MCPB	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.915	2.790
Mecoprop	ug/l	AS	20	14	0	0.000	< 0.003	< 0.011	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	< 0.023	< 0.055
Metalaxyl	ug/l	AS	20	13	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	20	14	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	20	13	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	20	13	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.240	1.515	2.236
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.358	3.189
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	13	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	20	14	0	0.000	< 0.050	< 0.092	0.302
Phorate	ug/l	AS	20	13	0	0.000	< 0.002	< 0.003	< 0.004
Pirimicarb	ug/l	AS	20	13	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	20	13	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	20	14		0	0.000	< 0.002	< 0.002	0.002
Propyzamide ug/l	AS	20	14		0	0.000	< 0.002	< 0.007	< 0.010
Prothioconazole ug/l	AS	20	14		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.155	0.272	0.443
Sodium mg Na/l	S	8	8		0	0.000	17.466	18.606	21.610
Sulphate mg SO4/l	S	8	8		0	0.000	65.258	80.327	90.864
Taste Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	20	14		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.288	< 0.428
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	60	60		0	0.000	0.150	0.660	1.310
Total Indicative Dose mSv/year	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	12	12		0	0.000	2.700	3.078	3.380
Total Trihalomethanes ug/l	S	8	8		0	0.000	31.200	63.444	77.800
Total coliforms No./100 ml	S	60	60		1	1.667	0.000	0.017	1.000
Triclopyr ug/l	AS	20	14		0	0.000	< 0.004	< 0.012	0.028
Tritium Bq/l	AS	2	2		0	0.000	< 6.000	< 8.000	< 10.000
Turbidity NTU	S	24	24		0	0.000	0.070	0.141	0.260

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21156

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 07-MAR-2016 (W2308POUT) Clopyralid = 0.2200 ug/.
 Sample failed 09-APR-2016 (W2308POUT) Clostridium perfringens (sulph red) = 7 No./100.
 Sample failed 04-JAN-2016 (ZS0901AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.008
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36		0	0.000	4.450	22.279	67.460
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8		0	0.000	0.005	0.053	0.072
Arsenic	ug/l As	S	8	8		0	0.000	0.274	< 0.293	< 0.300
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	0.019	0.021	0.030
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.006	0.008
Bromate	ug/l	S	8	8		0	0.000	0.610	1.284	4.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.012	0.017
Chloride	mg Cl/l	S	8	8		0	0.000	9.606	10.478	11.975
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.077	0.127	0.174
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156		1	0.641	0.000	0.006	1.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.806	10.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.194	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.500	1.293	2.250
Conductivity	uS/cm 20 C	AS	156	156		0	0.000	87.000	98.769	113.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.007	0.019
Cyanide	ug/l	AS	8	10		0	0.000	< 1.700	< 2.130	3.700
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	< 0.020	< 0.024	0.042
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.050	0.560	0.950
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	39		0	0.000	7.210	7.551	7.900
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 27.348	296.700
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		1	12.500	< 0.100	< 3.360	22.178
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	0.011
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36		0	0.000	0.230	1.200	11.810
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.017	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	0.141	0.295	0.429
Nitrate	mg NO3/l	S	8	8		0	0.000	0.350	0.709	1.340
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	10		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.185	0.215	0.272
Sodium	S	8	8		0	0.000	6.412	6.996	7.914
Sulphate	S	8	8		0	0.000	15.508	18.571	21.800
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.217	< 0.338
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.180	0.678	1.100
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.594	1.549	2.070
Total Trihalomethanes	S	8	8		0	0.000	29.300	46.280	73.400
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	0.010
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.070	0.187	1.830

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 34316

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 16-FEB-2016 (W2801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 09-JUN-2016 (ZS0902AE) Iron = 297 ug Fe/.
 Sample failed 02-MAR-2016 (ZS0902AE) Lead = 22.2 ug Pb.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	0.008
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52		1	1.923	1.030	34.092	701.800
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.012	< 0.012	0.026
Antimony	ug/l Sb	S	8	8		0	0.000	0.046	0.072	0.126
Arsenic	ug/l As	S	8	8		0	0.000	0.275	0.302	0.331
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.027
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.004	0.006	0.008
Bromate	ug/l	S	8	8		0	0.000	0.580	0.864	1.500
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.015	0.027
Chloride	mg Cl/l	S	8	8		0	0.000	9.322	11.030	15.730
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8		0	0.000	0.060	0.150	0.248
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.004	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156		1	0.641	0.000	0.006	1.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	> 9.519	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	4.519	194.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.570	1.415	3.300
Conductivity	uS/cm 20 C	AS	156	156		0	0.000	87.000	98.769	113.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.011	0.027
Cyanide	ug/l	AS	8	10		0	0.000	< 1.700	< 2.130	3.700
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8		0	0.000	0.018	0.023	0.034
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.050	0.627	1.150
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52		1	1.923	7.050	7.568	9.610
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 16.834	112.100
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.070	0.182	0.542
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	0.011
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52		0	0.000	0.180	0.996	3.040
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	< 0.015	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 1.100	4.637
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.400	< 0.970	2.050
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	52	55		2	3.636	0.000	0.236	10.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	10		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.155	0.221	0.303
Sodium	S	8	8		0	0.000	6.439	7.538	11.400
Sulphate	S	8	8		0	0.000	16.962	21.301	36.500
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.236	< 0.348
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.100	0.751	1.390
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.594	1.549	2.070
Total Trihalomethanes	S	8	8		0	0.000	23.900	48.390	70.300
Total coliforms	S	156	156		2	1.282	0.000	0.019	2.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	0.010
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.070	0.105	0.190

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59897

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 15-SEP-2016 (ZS0904AE) Aluminium = 702 ug Al/.
 Sample failed 16-FEB-2016 (W2801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 15-SEP-2016 (ZS0904AE) Hydrogen Ion = 9.61 pH va.
 Sample failed 22-JUN-2016 (ZS0904AE) Odour = 10 Diln No.
 Sample failed 21-SEP-2016 (ZS0904AE) Odour = 3 Diln No.
 Sample failed 08-JUN-2016 (ZS0904AE) Total coliforms = 2 No./100.
 Sample failed 25-JUL-2016 (ZS0904AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value
 U = Undertaking
 S = Standard Sampling Frequency
 R = Reduced Sampling Frequency
 A = Authorised Supply Point

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	12	12	0	0.000	2.910	8.960	15.190
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.045	0.135	0.183
Arsenic	ug/l As	S	8	8	0	0.000	0.288	0.342	0.408
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.008	0.010	0.015
Bromate	ug/l	S	8	8	0	0.000	0.970	1.381	2.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.014	0.030
Chloride	mg Cl/l	S	8	8	0	0.000	10.640	16.092	18.290
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.147	0.221	0.289
Clopyralid	ug/l	AS	8	8	1	12.500	< 0.004	< 0.021	0.110
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	1.833	22.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.960	1.737	2.650
Conductivity	uS/cm 20 C	AS	36	48	0	0.000	207.000	243.417	289.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.071	0.285
Cyanide	ug/l	AS	8	8	0	0.000	3.200	3.950	5.400
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.007
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.026	0.050
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	< 0.050	< 0.739	1.250
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	12	12	0	0.000	7.190	7.413	7.750
Iron	ug Fe/l	S	12	12	0	0.000	< 2.000	< 36.467	186.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.050	0.252	0.933
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	13	0	0.000	0.010	0.018	0.031
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	12	12	0	0.000	0.120	1.505	8.250
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.010	0.016
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.024	0.076
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	2.521	3.202	5.197
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 2.061	3.885
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.069	0.172
Phorate	ug/l	AS	8	15	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.150	0.273	0.396
Sodium mg Na/l	S	8	8		0	0.000	9.579	11.331	12.990
Sulphate mg SO4/l	S	8	8		0	0.000	44.757	49.404	55.799
Taste Diln No	S	12	12		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.226	< 0.408
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	24	24		0	0.000	0.070	0.900	1.280
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	8	8		0	0.000	2.220	2.605	3.100
Total Trihalomethanes ug/l	S	8	8		0	0.000	36.100	49.066	64.500
Total coliforms No./100 ml	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.009	0.019
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	12	12		0	0.000	0.060	0.126	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9924

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 22-FEB-2016 (W2802OUT) Clopyralid = 0.1100 ug/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.008
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4		0	0.000	10.480	26.255	40.290
Ammonium	mg NH4/l	S	4	4		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	5		0	0.000	0.131	0.139	0.155
Arsenic	ug/l As	S	4	4		0	0.000	0.268	0.315	0.402
Bentazone	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Benzene	ug/l	S	4	4		0	0.000	0.017	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	5		0	0.000	0.010	0.012	0.014
Bromate	ug/l	S	4	4		0	0.000	< 0.300	< 0.950	1.800
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Cadmium	ug/l Cd	S	4	5		0	0.000	0.007	0.011	0.012
Chloride	mg Cl/l	S	4	4		0	0.000	18.630	20.535	23.757
Chlorotoluron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Chromium	ug/l Cr	S	4	5		0	0.000	0.128	0.217	0.301
Clopyralid	ug/l	AS	8	8		1	12.500	< 0.004	< 0.021	0.110
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4		0	0.000	0.000	0.500	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4		0	0.000	0.980	1.383	1.610
Conductivity	uS/cm 20 C	AS	296	296		0	0.000	207.000	364.157	478.000
Copper	mg Cu/l	S	4	4		0	0.000	0.003	0.039	0.130
Cyanide	ug/l	AS	8	8		0	0.000	3.200	3.950	5.400
Dicamba	ug/l	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.001	< 0.003	0.007
Diiflufenican	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Diuron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	12	12		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Fluoride	mg F/l	S	4	4		0	0.000	0.018	0.021	0.025
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	12	12		0	0.000	0.320	0.638	0.980
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	16		0	0.000	7.610	7.718	7.790
Iron	ug Fe/l	S	4	4		0	0.000	4.170	16.285	35.110
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4		0	0.000	0.056	0.120	0.242
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	13		0	0.000	0.010	0.018	0.031
MCPB	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4		0	0.000	0.410	3.535	11.430
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.010	0.016
Mercury	ug/l Hg	S	4	4		0	0.000	< 0.010	< 0.027	< 0.055
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Metamitron	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.004
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	ug Ni/l	S	4	4		0	0.000	1.414	2.029	2.604
Nitrate	mg NO3/l	S	4	4		0	0.000	< 0.400	< 1.283	1.930
Nitrite	mg NO2/l	S	4	4		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.050	< 0.069	0.172
Phorate	ug/l	AS	8	15		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly
 Printed On 30-JAN-2017 : NI Water : Period 01-JAN-2016 to 31-DEC-2016 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Propiconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.010
Prothioconazole ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	4	5		0	0.000	0.165	0.223	0.349
Sodium mg Na/l	S	4	4		0	0.000	12.430	14.999	19.279
Sulphate mg SO4/l	S	4	4		0	0.000	48.500	62.725	83.192
Taste Diln No	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S ug/l	S	4	4		0	0.000	< 0.200	< 0.215	< 0.258
Tetrachloromethane ug/l	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	12	12		0	0.000	0.540	0.812	1.220
Total Indicative Dose mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	20	20		0	0.000	2.220	2.889	3.380
Total Trihalomethanes ug/l	S	4	4		0	0.000	56.790	67.200	79.500
Total coliforms No./100 ml	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	8	8		0	0.000	< 0.004	< 0.009	0.019
Tritium Bq/l	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity NTU	S	4	4		0	0.000	0.080	0.133	0.230

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4253

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 22-FEB-2016 (W2802OUT) Clopyralid = 0.1100 ug/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point