

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	9	8	0	0.000	< 0.001	< 0.004	0.010
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	8.390	28.393	69.680
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	0.038	0.080	0.096
Arsenic	ug/l As	S	8	8	0	0.000	0.290	0.314	0.394
Asulam	ug/l	AS	9	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	9	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.009	0.011
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	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.014	0.034
Chloride	mg Cl/l	S	8	8	0	0.000	13.308	21.201	23.200
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.125	0.223	0.302
Clopyralid	ug/l	AS	9	8	0	0.000	< 0.004	< 0.010	0.025
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	77	0	0.000	0.000	4.169	135.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	77	0	0.000	0.000	2.000	81.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.610	1.612	2.750
Conductivity	uS/cm 20 C	S	76	76	0	0.000	161.000	299.987	351.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.049	0.331
Cyanide	ug/l	AS	9	8	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	228	228	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	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Fluroxypyr	ug/l	AS	9	8	0	0.000	< 0.005	< 0.009	0.014
Free - Residual disinfectant	mg Cl/l	S	228	228	0	0.000	0.050	0.157	0.810
Glyphosate	ug/l	AS	9	8	0	0.000	< 0.003	< 0.007	0.036
Hydrogen Ion	pH value	S	76	76	0	0.000	7.010	7.649	8.620
Iron	ug Fe/l	S	76	76	2	2.632	< 2.000	< 33.211	311.800
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	< 0.109	0.151
Linuron	ug/l	AS	9	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8	0	0.000	0.020	0.052	0.098
MCPB	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76	1	1.316	0.240	2.893	57.470
Mecoprop	ug/l	AS	9	8	0	0.000	< 0.001	< 0.004	0.008
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.032
Metalaxyl	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.894	1.218	1.385
Nitrate	mg/l	S	8	8	0	0.000	0.380	1.251	2.190
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	9	8	0	0.000	< 0.050	< 0.081	0.147
Phorate	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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	< 0.006
Propyzamide	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	ug/l	AS	9	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.166	0.242	0.401
Sodium	mg Na/l	S	8	8	0	0.000	8.768	14.049	16.149
Sulphate	mg SO4/l	S	8	8	0	0.000	53.378	61.222	85.953
Taste	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	9	8	0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	228	228	0	0.000	0.090	0.283	0.960
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	2.370	2.729	3.020
Total Trihalomethanes	ug/l	S	8	8	1	12.500	30.710	63.823	107.010
Total coliforms	No./100 ml	S	228	228	1	0.439	0.000	0.180	41.000
Triclopyr	ug/l	AS	9	8	0	0.000	< 0.004	< 0.006	0.012
Tritium	Bq/l	AS	2	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	76	76	0	0.000	0.080	0.212	0.780

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 93780

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 27-MAR-2017 (ZN0101AE) Iron = 312 ug Fe/.  
 Sample failed 04-MAY-2017 (ZN0101AE) Iron = 241 ug Fe/.  
 Sample failed 06-NOV-2017 (ZN0101AE) Manganese = 57.5 ug Mn.  
 Sample failed 18-SEP-2017 (ZN0101AE) Total Trihalomethanes = 107.0 ug/l.  
 Sample failed 07-AUG-2017 (ZN0101AE) Total coliforms = 41 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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
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	6.290	28.167	97.230
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	0.030	0.055	0.154
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.007
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.005	0.005
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.131	1.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.010	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	11.722	13.967	16.560
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.113	0.144	0.218
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	0.083	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.139	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.850	1.252	2.660
Conductivity	uS/cm 20 C	S	36	36	0	0.000	160.000	202.206	303.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.004	0.014
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 2.700	4.800
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	0.014
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.050	0.312	0.820
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	6.920	7.365	7.810
Iron	ug Fe/l	S	36	36	2	5.556	< 2.000	< 36.738	345.000
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	0.064	0.101	0.147
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	< 0.001	0.001
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	0.370	2.808	45.850
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.014	0.039
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.155	2.558	10.508
Nitrate	mg/l	S	8	8	0	0.000	0.392	0.695	1.700
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	36	36	1	2.778	0.000	0.028	1.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

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
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.151	0.192	0.206
Sodium	S	8	8		0	0.000	8.539	9.100	9.629
Sulphate	S	8	8		0	0.000	45.242	61.148	89.708
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.100	0.435	1.400
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.900	2.303	2.820
Total Trihalomethanes	S	8	8		1	12.500	41.460	66.016	120.720
Total coliforms	S	84	84		1	1.190	0.000	0.036	3.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.198	1.880

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31903

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 03-JAN-2017 (ZN0202AE) Iron = 217 ug Fe/.  
 Sample failed 13-DEC-2017 (ZN0202AE) Iron = 345 ug Fe/.  
 Sample failed 05-SEP-2017 (ZN0202AE) Odour = 1 Dilm No.  
 Sample failed 05-SEP-2017 (ZN0202AE) Total Trihalomethanes = 120.7 ug/l.  
 Sample failed 03-AUG-2017 (ZN0202AE) 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 - ZN0204 - Rathlin Island  
 Printed On 29-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
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	2.830	4.643	6.830
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	< 0.085	0.203
Arsenic	ug/l As	S	4	4	0	0.000	0.281	0.301	0.322
Asulam	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
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	0.038	0.043	0.056
Bromate	ug/l	S	4	4	0	0.000	< 0.300	< 0.450	0.900
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.004	< 0.005	0.008
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.031	0.094
Chloride	mg Cl/l	S	4	3	0	0.000	68.932	69.777	70.650
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	4	4	0	0.000	0.063	< 0.091	< 0.100
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
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	> 75.000	>300.000
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	0.840	0.893	0.960
Conductivity	uS/cm 20 C	S	4	4	0	0.000	470.000	472.500	474.000
Copper	mg Cu/l	S	4	4	0	0.000	0.002	0.007	0.012
Cyanide	ug/l	AS	4	4	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.003	< 0.003
Fluoride	mg F/l	S	4	4	0	0.000	0.026	0.031	0.034
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	0.100	0.277	0.540
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	4	0	0.000	8.560	8.773	8.910
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 3.588	8.350
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	0.072	0.384	1.285
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	< 0.001	< 0.001
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	0.110	0.250	0.500
Mecoprop	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	4	4	0	0.000	< 0.010	< 0.049	0.131
Metalaxyl	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	4	4	0	0.000	< 0.100	< 0.515	1.644
Nitrate	mg/l	S	4	4	0	0.000	0.375	0.606	1.250
Nitrite	mg/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0204 - Rathlin Island  
 Printed On 29-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	4	4	0	0.000	0.485	0.656	0.847
Sodium	mg Na/l	S	4	3	0	0.000	102.639	103.610	105.050
Sulphate	mg SO4/l	S	4	4	0	0.000	12.932	13.281	13.700
Taste	Diln No	S	4	4	2	50.000	0.000	1.000	3.000
Tebuconazole	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.200	< 0.200	< 0.200
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	0.200	0.373	0.620
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	4	4	0	0.000	1.000	1.458	2.370
Total Trihalomethanes	ug/l	S	4	4	0	0.000	34.930	56.175	69.080
Total coliforms	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	4	4	0	0.000	0.060	0.088	0.130

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 286

This zone has a surface water source :R1706

PCV Exceedances:

Sample failed 12-JUN-2017 (ZN0204AE) Taste = 1 Diln No.  
 Sample failed 12-DEC-2017 (ZN0204AE) Taste = 3 Diln No.

Notes:

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

Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.015
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	5.090	38.437	145.700
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	0.010	0.052	0.072
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	0.026
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.003	0.004	0.006
Bromate	ug/l	S	8	8	0	0.000	0.650	1.506	2.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.009	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	8.484	10.991	15.069
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.104	0.144	0.213
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
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	0.833	20.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.208	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.500	0.906	2.190
Conductivity	uS/cm 20 C	S	24	24	0	0.000	117.000	146.958	238.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.078
Cyanide	ug/l	AS	8	8	0	0.000	2.000	3.338	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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.050	< 0.642	1.300
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	6.530	7.315	7.730
Iron	ug Fe/l	S	24	24	1	4.167	8.600	81.391	1319.00
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	0.082	< 0.098	< 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	< 0.001	0.001
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	0.770	1.590	3.230
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.022	0.058
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.484	1.591	3.483
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 0.476	0.845
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0302 - Dunganell Garryford  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.196	0.200	0.201
Sodium	mg Na/l	S	8	8	0	0.000	6.254	7.513	10.988
Sulphate	mg SO4/l	S	8	8	0	0.000	28.200	43.396	55.297
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	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.100	0.733	1.360
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	1.340	1.825	2.350
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.920	59.936	86.550
Total coliforms	No./100 ml	S	48	48	1	2.083	0.000	0.167	8.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.060	0.121	0.240

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 26601

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 07-MAR-2017 (ZN0302AE) Iron = 1319 ug Fe.  
 Sample failed 26-SEP-2017 (ZN0302AE) Total coliforms = 8 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 - ZN0303 - Dunore Point Ballymena  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	16.390	28.961	112.800
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	0.103	0.123	0.146
Arsenic	ug/l As	S	8	8	0	0.000	0.254	0.303	0.362
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	0.013	0.013	0.013
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.009	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	22.920	24.774	26.267
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.167	0.287	0.492
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	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	13.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.250	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.920	1.574	2.170
Conductivity	uS/cm 20 C	S	36	36	0	0.000	40.000	355.194	394.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.010
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.021	0.026	0.031
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.050	0.239	0.730
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	36	0	0.000	7.140	7.593	7.850
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 20.701	215.900
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	0.072	1.157	8.581
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.230	1.048	7.420
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.010	0.015
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.071	1.365	1.489
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.222	2.260
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.164	0.284	0.388
Sodium	S	8	8		0	0.000	16.450	19.009	20.395
Sulphate	S	8	8		0	0.000	63.823	71.952	80.218
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96		0	0.000	0.170	0.444	0.930
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.550	2.951	3.430
Total Trihalomethanes	S	8	8		0	0.000	33.830	52.811	68.610
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.011
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.120	0.219	0.880

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 48318

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 15-MAY-2017 (ZN0303AE) Iron = 216 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 - ZN0305 - Dungonnell Ahoghill  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.003	0.015
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	6.340	27.936	83.690
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	0.048	0.078	0.127
Arsenic	ug/l As	S	8	8	0	0.000	0.276	0.311	0.376
Asulam	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	0.026
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	< 0.007
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	0.003	0.007	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.913	2.300
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	< 0.006	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	9.665	15.554	25.109
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.125	0.211	0.353
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	348	348	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.792	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.292	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.530	1.300	2.150
Conductivity	uS/cm 20 C	S	24	24	0	0.000	130.000	264.750	394.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.028	0.092
Cyanide	ug/l	AS	32	32	0	0.000	< 1.700	< 2.109	4.100
Dicamba	ug/l	AS	32	32	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	0.005
Diffufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	36	41	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	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.024	0.041
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	36	41	0	0.000	0.050	0.308	0.890
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	24	24	0	0.000	6.760	7.523	7.830
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 20.997	167.800
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.062	0.158	0.572
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.014	0.032
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	24	24	0	0.000	0.410	1.338	5.920
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.015	0.037
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.184	1.603	2.496
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 0.740	2.560
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.060	0.306
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.184	0.220	0.262
Sodium	mg Na/l	S	8	8	0	0.000	6.397	11.482	19.721
Sulphate	mg SO4/l	S	8	8	0	0.000	31.535	47.308	73.901
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	41	0	0.000	0.100	0.414	0.950
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.160	2.049	2.940
Total Trihalomethanes	ug/l	S	8	8	1	12.500	35.120	59.514	103.860
Total coliforms	No./100 ml	S	36	41	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	0.011
Tritium	Bq/l	AS	2	2	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.060	0.173	0.900

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:

Sample failed 25-JUL-2017 (ZN0305AE) Total Trihalomethanes = 103.9 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 - ZN0401 - Dunore Point Antrim  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	15.170	32.611	121.500
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	0.055	0.117	0.144
Arsenic	ug/l As	S	8	8	0	0.000	0.298	0.328	0.395
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.008	0.010
Chloride	mg Cl/l	S	8	8	0	0.000	14.120	23.009	25.594
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.184	0.227	0.311
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	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	18.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.269	7.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.510	1.503	2.420
Conductivity	uS/cm 20 C	S	52	52	0	0.000	198.000	361.712	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.011
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.025	0.031
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	< 0.050	< 0.244	0.760
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	52	52	0	0.000	7.270	7.595	7.890
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 22.893	236.400
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	0.080	0.342	2.047
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.210	0.997	4.700
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.018	0.047
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.351	1.576	1.999
Nitrate	mg/l	S	8	8	0	0.000	0.351	1.370	2.860
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	1	1.923	0.000	0.038	2.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.198	0.297	0.398
Sodium	S	8	8		0	0.000	9.428	18.058	20.481
Sulphate	S	8	8		0	0.000	45.313	68.743	77.835
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.150	0.451	0.970
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.730	2.794	3.380
Total Trihalomethanes	S	8	8		0	0.000	40.110	56.888	89.210
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.011
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.120	0.219	1.330

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63017

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 24-JUL-2017 (ZN0401AE) Iron = 236 ug Fe/.  
 Sample failed 09-OCT-2017 (ZN0401AE) Odour = 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 - ZN0402 - Killylane Ballynure  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
Aluminium	ug Al/l	S	52	52	0	0.000	15.050	58.352	187.500
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	0.049	0.060	0.074
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.302	0.317
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.670	1.128	2.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	11.968	13.997	16.019
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.191	0.214	0.243
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	52	52	0	0.000	0.000	0.346	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.308	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.770	1.178	1.710
Conductivity	uS/cm 20 C	S	52	52	0	0.000	187.000	226.942	394.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.007
Cyanide	ug/l	AS	8	8	0	0.000	3.300	4.125	5.200
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	< 0.001	< 0.001
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.008
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.414	1.110
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	7.010	7.431	7.890
Iron	ug Fe/l	S	52	52	1	1.923	4.800	55.093	203.100
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	< 0.100	< 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	0.024
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	0.290	1.718	5.250
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.016	0.044
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.138	1.575	1.995
Nitrate	mg/l	S	8	8	0	0.000	0.754	1.085	1.970
Nitrite	mg/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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.200	< 0.219	0.296
Sodium	mg Na/l	S	8	8	0	0.000	9.118	9.824	11.383
Sulphate	mg SO4/l	S	8	8	0	0.000	45.385	50.584	55.345
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.090	0.536	1.170
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	1.810	2.211	2.590
Total Trihalomethanes	ug/l	S	8	8	0	0.000	53.870	65.551	78.250
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	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	52	52	0	0.000	0.110	0.230	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51989

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 31-JAN-2017 (ZN0402AE) Iron = 203 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 - ZN0501 - Moyola Magherafelt  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.006
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	18.670	32.311	119.400
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	0.076	0.104	0.120
Arsenic	ug/l As	S	8	8	0	0.000	0.265	0.300	0.322
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.013
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.346	0.670
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.010	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	19.097	22.969	27.612
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.211	0.260	0.357
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	0.019
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	1.472	18.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.278	7.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.540	1.130	1.910
Conductivity	uS/cm 20 C	S	36	36	0	0.000	321.000	363.333	408.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.014	0.034
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.020	0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.323	0.810
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	7.600	7.795	8.010
Iron	ug Fe/l	S	36	36	0	0.000	1.670	17.652	117.300
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	< 0.100	< 0.315	1.554
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.022	0.051
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	0.320	1.295	12.590
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.006
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.045	0.250
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.168	1.579	2.296
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.548	3.758
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.053	0.072
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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	< 0.006
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.183	0.261	0.376
Sodium	mg Na/l	S	8	8	0	0.000	12.579	15.182	17.620
Sulphate	mg SO4/l	S	8	8	0	0.000	57.966	67.720	72.697
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	< 0.200	< 0.200
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	0.130	0.475	0.960
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	2.180	2.645	3.030
Total Trihalomethanes	ug/l	S	8	8	0	0.000	27.200	42.781	52.310
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	< 0.006	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36	0	0.000	0.090	0.155	0.350

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42895

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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	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	4.310	18.473	78.580
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	0.099	0.113	0.132
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.012
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.003	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	< 0.004	< 0.004
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	8.188	10.134	11.620
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.075	0.109	0.167
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	0.042	1.000
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	0.700	1.167	2.230
Conductivity	uS/cm 20 C	S	24	24	0	0.000	121.000	133.208	147.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.021	0.101
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.963	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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.003
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	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.446	1.070
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	7.080	7.216	7.680
Iron	ug Fe/l	S	24	24	0	0.000	3.520	35.253	200.400
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	0.052	0.110	0.275
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	< 0.004	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	0.170	1.082	9.340
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.020	0.080
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.732	1.274	2.799
Nitrate	mg/l	S	8	8	0	0.000	0.390	0.447	0.670
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.195	< 0.200
Sodium	mg Na/l	S	8	8	0	0.000	4.901	10.523	44.444
Sulphate	mg SO4/l	S	8	8	0	0.000	31.685	35.335	40.300
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	< 0.200	< 0.200
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	0.060	0.515	1.090
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	1.180	1.714	2.310
Total Trihalomethanes	ug/l	S	8	8	0	0.000	28.870	42.911	59.790
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	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.070	0.203	0.990

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24580

This zone has a surface water source :R1302

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

Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.002	0.006
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	14.010	28.433	90.380
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	0.096	0.114	0.138
Arsenic	ug/l As	S	8	8	0	0.000	0.274	0.303	0.379
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	0.012
Bentazone	ug/l	AS	16	16	0	0.000	< 0.001	< 0.001	< 0.001
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	0.009	0.012	0.014
Bromate	ug/l	S	8	8	0	0.000	0.300	0.330	0.460
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
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	19.092	21.314	24.537
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.132	0.215	0.353
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.004	< 0.006	0.019
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	2.958	54.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	4.667	96.000
Colour	mg/l Pt/Co	S	24	25	0	0.000	0.540	1.090	2.480
Conductivity	uS/cm 20 C	S	24	24	0	0.000	235.000	337.500	444.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.012	0.027
Cyanide	ug/l	AS	16	16	0	0.000	< 1.700	< 1.831	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	< 0.001	< 0.001
Diffenican	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.015	0.022	0.039
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.005	< 0.007	0.016
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.050	< 0.231	0.830
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	7.500	7.737	7.950
Iron	ug Fe/l	S	24	24	1	4.167	1.670	33.251	230.700
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	0.061	0.279	1.608
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	< 0.013	0.051
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	0.320	2.315	15.080
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	0.006
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.041	0.136
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.189	1.452	2.070
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.321	3.220
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.052	0.072
Phorate	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.006
Propyzamide	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.194	0.268	0.367
Sodium	mg Na/l	S	8	8	0	0.000	12.240	14.115	18.516
Sulphate	mg SO4/l	S	8	8	0	0.000	55.242	68.386	94.125
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.090	0.364	1.090
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	2.110	2.336	2.590
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.020	51.259	75.790
Total coliforms	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	16	16	0	0.000	< 0.004	< 0.005	0.012
Tritium	Bq/l	AS	2	2	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.080	0.190	0.800

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 20197

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 09-OCT-2017 (ZN0504AE) Iron = 231 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 - ZN0601 - Ballinrees Limavady  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.066	< 0.096	< 0.100
2,4-D	ug/l	AS	9	8	0	0.000	< 0.001	< 0.004	0.010
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	3.460	14.620	26.920
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	0.075	0.200
Arsenic	ug/l As	S	8	8	0	0.000	0.255	< 0.288	< 0.300
Asulam	ug/l	AS	9	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	9	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.008	0.010
Bromate	ug/l	S	8	8	0	0.000	1.500	2.575	6.100
Bromoxynil	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.008	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	16.820	20.718	23.064
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.080	0.161	0.293
Clopyralid	ug/l	AS	9	8	0	0.000	< 0.004	< 0.010	0.025
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	0.083	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.860	1.305	2.190
Conductivity	uS/cm 20 C	S	24	24	0	0.000	159.000	258.083	338.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.001	0.003
Cyanide	ug/l	AS	9	8	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	9	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	9	8	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.020	0.022
Fluroxypyr	ug/l	AS	9	8	0	0.000	< 0.005	< 0.009	0.014
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.110	0.359	0.950
Glyphosate	ug/l	AS	9	8	0	0.000	< 0.003	< 0.007	0.036
Hydrogen Ion	pH value	S	24	24	0	0.000	6.790	7.563	7.800
Iron	ug Fe/l	S	24	24	0	0.000	1.540	9.253	57.580
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	< 0.108	0.167
Linuron	ug/l	AS	9	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	9	8	0	0.000	0.020	0.052	0.098
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	0.260	1.446	7.620
Mecoprop	ug/l	AS	9	8	0	0.000	< 0.001	< 0.004	0.008
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.015	0.045
Metalaxyl	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.709	1.474	4.982
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 2.872	5.059
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	1	4.167	0.000	0.167	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	9	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	9	8	0	0.000	< 0.050	< 0.081	0.147
Phorate	ug/l	AS	9	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	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	< 0.006
Propyzamide	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	ug/l	AS	9	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.180	0.246	0.337
Sodium	mg Na/l	S	8	8	0	0.000	10.720	13.463	15.841
Sulphate	mg SO4/l	S	8	8	0	0.000	43.800	61.040	89.400
Taste	Diln No	S	24	24	1	4.167	0.000	0.083	2.000
Tebuconazole	ug/l	AS	9	8	0	0.000	< 0.002	< 0.004	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.190	0.447	1.080
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.510	1.954	2.370
Total Trihalomethanes	ug/l	S	8	8	0	0.000	25.510	46.346	74.520
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	9	8	0	0.000	< 0.004	< 0.006	0.012
Tritium	Bq/l	AS	2	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.050	0.106	0.190

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 20389

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 19-APR-2017 (ZN0601AE) Odour = 4 Diln No.  
 Sample failed 19-APR-2017 (ZN0601AE) Taste = 2 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 - ZN0603 - Carmoney Eglinton  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.054	< 0.089	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.010
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	5.070	16.531	66.100
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.036	0.055	0.069
Arsenic	ug/l As	S	8	8	0	0.000	0.258	0.297	0.327
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.007	0.009
Bromate	ug/l	S	8	8	0	0.000	1.300	2.250	5.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.008	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	17.100	22.103	34.162
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.131	0.179	0.239
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	53	0	0.000	0.000	0.189	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	53	0	0.000	0.000	0.038	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.750	1.184	1.960
Conductivity	uS/cm 20 C	S	52	52	0	0.000	198.000	256.712	338.000
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	2.600	3.150	3.900
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.015	< 0.018	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.090	0.392	0.800
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	6.960	7.633	7.880
Iron	ug Fe/l	S	52	52	0	0.000	1.500	8.187	115.300
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	< 0.100	< 0.100	0.102
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.006	0.031	0.096
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	0.250	1.401	15.530
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	0.016
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.011	0.029
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.474	0.980	2.345
Nitrate	mg/l	S	8	8	0	0.000	0.554	3.306	4.319
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.060	0.105
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.155	0.303	0.500
Sodium	S	8	8		0	0.000	10.960	14.070	20.445
Sulphate	S	8	8		0	0.000	40.200	54.983	68.226
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.180	0.474	0.920
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.490	1.974	2.760
Total Trihalomethanes	S	8	8		0	0.000	31.610	54.270	94.710
Total coliforms	S	132	132		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	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.050	0.105	0.590

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 53976

This zone has a surface water source :R4301

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 - ZN0604 - Caugh Hill Dungiven  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.058	< 0.095	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	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	2.670	21.053	79.590
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	< 0.010	< 0.037	0.063
Arsenic	ug/l As	S	8	8	0	0.000	0.260	< 0.295	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.007
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.006	0.008
Bromate	ug/l	S	8	8	0	0.000	1.700	4.263	6.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.009	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	17.954	21.482	24.599
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.055	0.108	0.149
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	1.333	30.000
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	0.690	1.203	1.770
Conductivity	uS/cm 20 C	S	24	24	0	0.000	159.000	229.333	305.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.030	0.187
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 3.338	4.900
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	48	49	0	0.000	0.050	0.369	0.730
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	6.720	7.202	7.860
Iron	ug Fe/l	S	24	24	0	0.000	1.750	25.402	185.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.008
Lead	ug Pb/l	S	8	8	0	0.000	0.073	0.163	0.629
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	< 0.004	0.014
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	0.460	3.493	14.550
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.014	0.026
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.748	1.548	3.780
Nitrate	mg/l	S	8	8	0	0.000	0.508	1.897	4.198
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.173	0.252	0.384
Sodium	S	8	8		0	0.000	11.570	13.653	16.284
Sulphate	S	8	8		0	0.000	50.328	65.237	82.859
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	49		0	0.000	0.110	0.452	0.790
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.350	1.974	2.610
Total Trihalomethanes	S	8	8		0	0.000	24.710	45.965	61.610
Total coliforms	S	48	48		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	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.050	0.146	0.490

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 17102

This zone has a surface water source :R4306

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 - ZN0607 - Corrody Derry  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.051	< 0.083	< 0.100
2,4-D	ug/l	AS	17	16	0	0.000	< 0.001	< 0.003	0.010
2,4-DB	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	1.690	14.838	55.810
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	0.030	0.056	0.080
Arsenic	ug/l As	S	8	8	0	0.000	0.259	0.297	0.333
Asulam	ug/l	AS	17	16	0	0.000	< 0.003	< 0.005	0.007
Bentazone	ug/l	AS	17	16	0	0.000	< 0.001	< 0.001	< 0.001
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	0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.007	0.009
Bromate	ug/l	S	8	8	0	0.000	1.600	2.700	4.800
Bromoxynil	ug/l	AS	17	16	0	0.000	< 0.004	< 0.004	0.007
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	16.614	20.560	23.540
Chlorotoluron	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.103	0.133	0.204
Clopyralid	ug/l	AS	17	16	0	0.000	< 0.004	< 0.007	0.025
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	106	104	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	53	0	0.000	0.000	0.264	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	53	0	0.000	0.000	0.245	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.720	1.133	1.960
Conductivity	uS/cm 20 C	S	52	52	0	0.000	178.000	247.865	330.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.012
Cyanide	ug/l	AS	17	16	0	0.000	< 1.700	< 2.519	4.900
Dicamba	ug/l	AS	17	16	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	17	16	0	0.000	< 0.001	< 0.001	< 0.001
Diffenflufenican	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
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	17	16	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.021	0.032
Fluroxypyr	ug/l	AS	17	16	0	0.000	< 0.005	< 0.007	0.014
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.070	0.348	0.680
Glyphosate	ug/l	AS	17	16	0	0.000	< 0.003	< 0.005	0.036
Hydrogen Ion	pH value	S	52	52	0	0.000	6.930	7.541	7.850
Iron	ug Fe/l	S	52	52	0	0.000	1.690	14.390	118.900
Isoproturon	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	0.008
Lead	ug Pb/l	S	8	8	0	0.000	0.068	< 0.096	< 0.100
Linuron	ug/l	AS	17	16	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	17	16	0	0.000	< 0.001	< 0.028	0.098
MCPB	ug/l	AS	17	16	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.280	2.036	16.310
Mecoprop	ug/l	AS	17	16	0	0.000	< 0.001	< 0.003	0.008
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.013	0.029
Metalaxyl	ug/l	AS	17	16	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.523	1.030	1.842
Nitrate	mg/l	S	8	8	0	0.000	0.527	3.171	5.440
Nitrite	mg/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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	17	16	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	17	16	0	0.000	< 0.050	< 0.066	0.147
Phorate	ug/l	AS	17	16	0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0607 - Corrody Derry  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Pirimicarb	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Propachlor	ug/l	AS	17	16	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.006
Propyzamide	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	ug/l	AS	17	16	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.154	0.319	0.500
Sodium	mg Na/l	S	8	8	0	0.000	10.271	13.094	14.666
Sulphate	mg SO4/l	S	8	8	0	0.000	41.728	58.583	72.100
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	17	16	0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.110	0.432	0.770
Total Indicative Dose	mSv/year	AS	3	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.300	1.715	2.120
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.510	45.129	62.510
Total coliforms	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	17	16	0	0.000	< 0.004	< 0.005	0.012
Tritium	Bq/l	AS	3	2	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	52	52	0	0.000	0.050	0.115	0.560

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 57918

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 - ZN0701 - Derg Strabane  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
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	8.100	25.914	134.200
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	0.033	0.047	0.059
Arsenic	ug/l As	S	8	8	0	0.000	0.254	0.288	0.356
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.008	0.010
Bromate	ug/l	S	8	8	0	0.000	1.700	2.550	3.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	16.499	21.212	26.990
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.083	0.166	0.249
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	36	36	0	0.000	0.000	3.861	41.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.167	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.580	1.516	3.970
Conductivity	uS/cm 20 C	S	36	36	0	0.000	187.000	222.222	297.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.014	0.071
Cyanide	ug/l	AS	8	8	0	0.000	3.200	5.200	8.500
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.008
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.050	0.478	1.070
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	7.200	7.558	7.900
Iron	ug Fe/l	S	36	36	2	5.556	< 2.000	< 67.285	1087.00
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	0.069	0.570	2.375
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	1	12.500	< 0.001	< 0.040	0.110
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	0.160	2.101	20.010
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.013	0.040
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.374	0.619	0.815
Nitrate	mg/l	S	8	8	0	0.000	1.818	2.972	4.547
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.071	0.111
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0701 - Derg Strabane  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.176	0.282	0.658
Sodium	S	8	8		0	0.000	11.594	13.861	16.778
Sulphate	S	8	8		0	0.000	28.100	39.132	49.329
Taste	S	36	36		1	2.778	0.000	0.083	3.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96		0	0.000	0.080	0.582	1.210
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.610	3.310	10.340
Total Trihalomethanes	S	8	8		0	0.000	37.110	66.715	98.750
Total coliforms	S	96	96		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	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.050	0.138	0.440

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39763

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 01-AUG-2017 (ZN0701AE) Iron = 606 ug Fe/.  
 Sample failed 19-SEP-2017 (ZN0701AE) Iron = 1087 ug Fe.  
 Sample failed 13-JUN-2017 (W4501OUT) MCPA = 0.1100 ug/.  
 Sample failed 01-AUG-2017 (ZN0701AE) Taste = 3 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 - ZN0702 - Glenhordial Omagh  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.004	0.025
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	8.290	19.168	32.760
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	0.030	0.046	0.083
Arsenic	ug/l As	S	8	8	0	0.000	0.295	0.452	0.906
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.003	0.005	0.006
Bromate	ug/l	S	8	8	0	0.000	1.100	2.025	4.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	10.510	15.274	30.525
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.099	0.171	0.228
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	3.500	58.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.570	2.128	4.150
Conductivity	uS/cm 20 C	S	24	24	0	0.000	129.000	154.167	277.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.011
Cyanide	ug/l	AS	8	8	0	0.000	2.500	2.875	3.200
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
E. coli	No./100 ml	S	36	40	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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.006	0.012
Free - Residual disinfectant	mg Cl/l	S	36	41	0	0.000	0.050	0.403	0.910
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	7.140	7.436	8.480
Iron	ug Fe/l	S	24	24	0	0.000	1.740	24.617	198.400
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	0.067	0.509	2.490
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	1	12.500	< 0.001	< 0.094	0.610
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	0.320	3.544	9.950
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.004
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.030	0.152
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.125	0.774	2.206
Nitrate	mg/l	S	8	8	0	0.000	0.358	0.480	0.760
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	1	12.500	< 0.050	< 0.131	0.655
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.163	0.207	0.255
Sodium	S	8	8		0	0.000	6.730	15.016	56.926
Sulphate	S	8	8		0	0.000	23.757	36.221	46.967
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	36	41		0	0.000	0.120	0.499	1.000
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.430	2.323	3.290
Total Trihalomethanes	S	8	8		0	0.000	27.810	54.298	89.210
Total coliforms	S	36	40		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	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.070	0.143	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10955

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 24-JUL-2017 (W4541OUT) MCPA = 0.6100 ug/.

Sample failed 24-JUL-2017 (W4541OUT) Pesticides - Total Substances = 0.6550 ug/.

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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.008
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	< 1.000	< 11.970	44.690
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	0.022	0.038	0.054
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.320	0.456
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Benzene	ug/l	S	8	9	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	0.006	0.008
Bromate	ug/l	S	8	8	0	0.000	2.200	4.175	7.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	17.639	21.965	26.220
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.067	0.139	0.230
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	7.583	182.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.833	18.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.560	1.013	1.870
Conductivity	uS/cm 20 C	S	24	24	0	0.000	214.000	312.208	389.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.016	0.044
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.813	2.300
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	< 0.001	< 0.001
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.050	0.585	1.590
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	7.430	7.696	7.910
Iron	ug Fe/l	S	24	24	0	0.000	6.500	21.775	110.200
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	0.051	0.116	0.352
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	< 0.002	0.008
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	0.603	3.110
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.011	0.017
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.372	0.518	0.711
Nitrate	mg/l	S	8	8	0	0.000	0.405	0.921	1.920
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.165	0.196	0.215
Sodium	mg Na/l	S	8	8	0	0.000	12.204	57.017	82.159
Sulphate	mg SO4/l	S	8	8	0	0.000	50.405	70.208	92.358
Taste	Diln No	S	24	24	5	20.833	0.000	0.625	4.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.680	1.670
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	0.924	2.056	2.940
Total Trihalomethanes	ug/l	S	8	8	1	12.500	49.010	73.696	127.210
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	< 0.004
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	0.137	0.750

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23096

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 04-JUL-2017 (ZN0704AE) Taste = 3 Diln No.  
 Sample failed 22-AUG-2017 (ZN0704AE) Taste = 3 Diln No.  
 Sample failed 25-OCT-2017 (ZN0704AE) Taste = 3 Diln No.  
 Sample failed 08-NOV-2017 (ZN0704AE) Taste = 2 Diln No.  
 Sample failed 06-DEC-2017 (ZN0704AE) Taste = 4 Diln No.  
 Sample failed 05-SEP-2017 (ZN0704AE) Total Trihalomethanes = 127.2 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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
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	2.730	7.594	20.050
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	< 0.010	< 0.029	0.046
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.004	0.005
Bromate	ug/l	S	8	8	0	0.000	1.400	2.013	3.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.008
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	12.080	13.397	14.635
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.067	0.109	0.160
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	4.792	68.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.958	22.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.510	0.845	1.140
Conductivity	uS/cm 20 C	S	24	24	0	0.000	151.000	157.458	166.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.010
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.988	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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	36	40	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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	36	42	0	0.000	0.050	0.508	1.050
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	7.420	7.908	8.900
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 16.560	96.200
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	0.072	< 0.094	< 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	0.002	0.007	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	0.060	0.381	1.170
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	0.011	0.015
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.452	0.888	1.240
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.326	2.340
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.197	0.213	0.246
Sodium	mg Na/l	S	8	8	0	0.000	7.862	8.788	9.811
Sulphate	mg SO4/l	S	8	8	0	0.000	31.642	34.455	37.452
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	42	0	0.000	0.130	0.603	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	S	8	8	0	0.000	0.893	1.263	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	23.610	35.460	54.810
Total coliforms	No./100 ml	S	36	40	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.060	0.095	0.170

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11393

This zone has a surface water source :R4523

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 - ZN0706 - Lough Macrory Killyclogher  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.002	0.025
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	5.860	12.743	28.750
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	0.027	0.034	0.043
Arsenic	ug/l As	S	8	8	0	0.000	0.252	0.300	0.345
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.860	1.970	2.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	11.808	13.623	14.890
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.128	0.170	0.195
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Clostridium perfringens (sulph red)	No./100 ml	AS	112	113	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.708	16.000
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	0.810	1.072	1.540
Conductivity	uS/cm 20 C	S	24	24	0	0.000	151.000	158.292	168.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.005
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 2.225	3.200
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	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	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.006	0.012
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.070	0.419	1.060
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.160	7.942	8.830
Iron	ug Fe/l	S	24	24	0	0.000	2.170	20.885	129.700
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	< 0.100	< 0.166	0.488
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	1	4.167	< 0.001	< 0.034	0.610
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	0.270	1.584	13.020
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	0.004
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.018	0.067
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.389	0.700	1.764
Nitrate	mg/l	S	8	8	0	0.000	0.441	1.188	2.140
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	24	24	1	4.167	< 0.050	< 0.077	0.655
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.153	0.198	0.256
Sodium	S	8	8		0	0.000	8.125	9.158	9.639
Sulphate	S	8	8		0	0.000	28.271	33.984	37.457
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.160	0.506	1.110
Total Indicative Dose	AS	3	3		0	0.000	0.100	0.100	0.100
Total Organic Carbon	S	8	8		0	0.000	1.280	1.560	2.050
Total Trihalomethanes	S	8	8		0	0.000	34.010	48.078	61.650
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.060	0.125	0.630

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22586

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 24-JUL-2017 (W4541OUT) MCPA = 0.6100 ug/.

Sample failed 24-JUL-2017 (W4541OUT) Pesticides - Total Substances = 0.6550 ug/.

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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	9	0	0.000	< 0.001	< 0.002	0.006
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	9.630	11.520	16.380
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	0.060	0.065	0.077
Arsenic	ug/l As	S	4	4	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.001
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	0.011	0.011
Bromate	ug/l	S	4	4	0	0.000	1.400	1.575	1.800
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	4	4	0	0.000	0.009	< 0.010	< 0.010
Chloride	mg Cl/l	S	4	4	0	0.000	17.330	17.862	18.200
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	4	4	0	0.000	< 0.100	< 0.147	0.198
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
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	0.250	1.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	1.020	1.180	1.360
Conductivity	uS/cm 20 C	S	4	4	0	0.000	302.000	306.250	317.000
Copper	mg Cu/l	S	4	4	0	0.000	0.002	0.004	0.008
Cyanide	ug/l	AS	8	9	0	0.000	1.700	2.067	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	9	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	9	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	4	4	0	0.000	0.015	< 0.019	< 0.020
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.007	0.013
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.060	0.476	0.660
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	4	4	0	0.000	7.710	7.765	7.910
Iron	ug Fe/l	S	4	4	0	0.000	8.340	10.963	13.340
Isoproturon	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4	0	0.000	< 0.100	< 0.101	0.105
Linuron	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	0.004	0.018	0.036
MCPB	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4	0	0.000	0.630	1.043	1.800
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	0.005
Mercury	ug/l Hg	S	4	4	0	0.000	0.006	< 0.009	< 0.010
Metalaxyl	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	4	4	0	0.000	0.996	1.077	1.149
Nitrate	mg/l	S	4	4	0	0.000	1.603	2.087	2.670
Nitrite	mg/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	9	0	0.000	< 0.050	< 0.050	0.051
Phorate	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	< 0.002
Prothioconazole	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	4	4	0	0.000	< 0.200	< 0.239	0.273
Sodium	mg Na/l	S	4	4	0	0.000	26.350	27.440	30.074
Sulphate	mg SO4/l	S	4	4	0	0.000	64.000	66.571	70.804
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.200	< 0.200	< 0.200
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	0.140	0.573	0.810
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	4	4	0	0.000	1.930	2.235	2.540
Total Trihalomethanes	ug/l	S	4	4	0	0.000	45.510	52.008	61.010
Total coliforms	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	9	0	0.000	< 0.004	< 0.005	0.010
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	4	4	0	0.000	0.080	0.100	0.110

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4821

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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.005
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	4.040	23.553	61.600
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	0.034	0.078	0.241
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.387	0.542
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.009
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.027	0.140
Bromate	ug/l	S	8	8	0	0.000	1.100	1.575	2.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.038	0.253
Chloride	mg Cl/l	S	8	8	0	0.000	13.947	17.598	20.310
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.207	0.328	0.497
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
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	52	53	0	0.000	0.000	0.340	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	53	0	0.000	0.000	0.811	19.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.730	1.245	1.900
Conductivity	uS/cm 20 C	S	52	52	0	0.000	160.000	404.942	465.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.008
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 2.138	2.900
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.035	0.053
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	0.050	0.308	0.930
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	7.710	7.978	8.190
Iron	ug Fe/l	S	52	52	1	1.923	1.630	29.670	306.800
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	< 0.176	0.698
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	< 0.010	0.024
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	0.350	2.374	19.430
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.014	0.053
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.557	1.204	1.574
Nitrate	mg/l	S	8	8	0	0.000	0.628	1.764	3.350
Nitrite	mg/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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.167	0.252	0.486
Sodium	S	8	8		0	0.000	9.303	18.712	22.994
Sulphate	S	8	8		0	0.000	30.422	109.318	141.100
Taste	S	52	52		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	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	192	192		0	0.000	0.110	0.423	1.080
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.430	2.631	3.400
Total Trihalomethanes	S	8	8		1	12.500	39.910	69.123	101.710
Total coliforms	S	192	192		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	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.244	3.130

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 76511

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 19-JAN-2017 (ZN0802AE) Iron = 307 ug Fe/.

Sample failed 05-SEP-2017 (ZN0802AE) Total Trihalomethanes = 101.7 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 - ZN1101 - Clay Lake Keady  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
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	4.490	12.480	41.090
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	0.154	0.177	0.204
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.378	0.455
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.014
Bromate	ug/l	S	8	8	0	0.000	1.200	1.675	2.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	20.530	21.851	23.422
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.167	0.215	0.374
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.840	1.243	1.820
Conductivity	uS/cm 20 C	S	12	12	0	0.000	251.000	263.000	274.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.014	0.036
Cyanide	ug/l	AS	8	9	0	0.000	2.800	4.522	6.900
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.017	< 0.019	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	0.013
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.120	0.571	1.060
Glyphosate	ug/l	AS	8	7	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	12	12	0	0.000	6.940	7.335	7.800
Iron	ug Fe/l	S	12	12	0	0.000	2.440	19.654	58.190
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	0.063	0.844	5.944
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.033	0.055
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	0.290	1.725	7.780
Mecoprop	ug/l	AS	8	8	0	0.000	0.002	0.007	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.012	0.024
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.844	2.326	3.396
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.096	2.160
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	12	12	1	8.333	0.000	0.333	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.058	0.072
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.152	0.238	0.360
Sodium	mg Na/l	S	8	8	0	0.000	12.270	13.176	14.273
Sulphate	mg SO4/l	S	8	8	0	0.000	47.077	51.052	54.780
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.280	0.807	1.190
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	1.770	2.573	3.630
Total Trihalomethanes	ug/l	S	8	8	0	0.000	27.010	51.160	71.710
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	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	12	12	0	0.000	0.070	0.128	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9273

This zone has a surface water source :R2509

PCV Exceedances:

Sample failed 20-MAR-2017 (ZN1101AE) Odour = 4 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 - ZN1102 - Seagahan Armagh  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.008	0.021
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	0.850	11.657	63.580
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.015
Antimony	ug/l Sb	S	8	8	0	0.000	0.099	0.117	0.134
Arsenic	ug/l As	S	8	8	0	0.000	0.275	0.339	0.371
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.013
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	0.003
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	0.009	0.011	0.013
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.346	0.670
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	22.329	23.156	23.838
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.145	0.225	0.299
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	36	36	0	0.000	0.000	0.333	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	> 8.694	>300.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.780	1.526	2.880
Conductivity	uS/cm 20 C	S	36	36	0	0.000	348.000	395.556	430.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.011	0.061
Cyanide	ug/l	AS	8	8	0	0.000	4.300	4.963	5.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.021	0.031
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	0.013
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.060	0.551	1.290
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	7.472	7.770
Iron	ug Fe/l	S	36	36	0	0.000	1.530	17.524	158.400
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	0.053	4.120	32.159
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	< 0.015	0.027
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	0.220	0.903	4.470
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.007	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.024	0.055
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.523	1.788	2.233
Nitrate	mg/l	S	8	8	0	0.000	0.506	3.084	5.190
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	36	37	1	2.703	0.000	0.081	3.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.055	0.088
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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	0.003
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.158	0.244	0.337
Sodium	mg Na/l	S	8	8	0	0.000	23.040	36.109	49.133
Sulphate	mg SO4/l	S	8	8	0	0.000	71.900	84.464	95.367
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.260	0.777	1.570
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	2.590	2.919	3.630
Total Trihalomethanes	ug/l	S	8	8	0	0.000	40.510	58.169	82.410
Total coliforms	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	0.016
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.155	0.740

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35927

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 21-FEB-2017 (ZN1102AE) Lead = 32.2 ug Pb.  
 Sample failed 19-APR-2017 (ZN1102AE) Odour = 3 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 - ZS0101 - Dunore Ballygomartin North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	16.280	27.482	83.740
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.023
Antimony	ug/l Sb	S	8	8	0	0.000	0.112	0.122	0.132
Arsenic	ug/l As	S	8	8	0	0.000	0.259	0.323	0.389
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	0.013	0.013	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	22.840	24.990	26.710
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.170	0.307	0.512
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.111	38.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.500	31.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.860	1.456	2.030
Conductivity	uS/cm 20 C	S	36	36	0	0.000	324.000	371.444	398.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.005	0.010
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.027	0.031
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.327	0.850
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	36	0	0.000	7.360	7.587	7.780
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 31.207	153.700
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	0.050	0.535	2.281
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.390	1.471	5.660
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.063	0.243
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.268	1.490	2.015
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.271	2.570
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.171	0.283	0.399
Sodium	S	8	8		0	0.000	16.630	19.180	20.563
Sulphate	S	8	8		0	0.000	63.874	72.564	78.745
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.090	0.496	1.150
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.540	2.948	3.390
Total Trihalomethanes	S	8	8		0	0.000	38.060	55.634	69.610
Total coliforms	S	108	108		1	0.926	0.000	0.009	1.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.011
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.130	0.217	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44874

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 01-NOV-2017 (ZS0101AE) 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 - ZS0102 - Dunore Ballygomartin South  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	15.370	32.354	293.200
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	0.108	0.126	0.141
Arsenic	ug/l As	S	8	8	0	0.000	0.295	0.325	0.354
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	0.012	0.013	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.008	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	23.010	24.828	26.927
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.177	0.235	0.351
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.250	47.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.222	38.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.550	1.453	2.080
Conductivity	uS/cm 20 C	S	36	36	0	0.000	319.000	371.528	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.020	0.076
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.026	0.032
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.050	0.247	0.870
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	36	0	0.000	7.360	7.595	7.850
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 45.725	733.400
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	< 0.100	< 2.406	11.136
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.470	1.682	10.140
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.012	0.021
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.305	1.919	4.128
Nitrate	mg/l	S	8	8	0	0.000	0.367	1.284	2.860
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	0.006
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	< 0.200	< 0.292	0.455
Sodium	mg Na/l	S	8	8	0	0.000	17.370	19.958	23.681
Sulphate	mg SO4/l	S	8	8	0	0.000	64.000	71.592	76.506
Taste	Dilu No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.130	0.393	0.950
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	2.690	2.983	3.470
Total Trihalomethanes	ug/l	S	8	8	1	12.500	38.110	70.985	104.620
Total coliforms	No./100 ml	S	120	120	2	1.667	0.000	0.125	13.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.011
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36	0	0.000	0.130	0.248	1.120

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 48369

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 11-OCT-2017 (ZS0102AE) Aluminium = 293 ug Al/.  
 Sample failed 11-OCT-2017 (ZS0102AE) Iron = 733 ug Fe/.  
 Sample failed 06-JUN-2017 (ZS0102AE) Lead = 11.1 ug Pb.  
 Sample failed 04-SEP-2017 (ZS0102AE) Total Trihalomethanes = 104.6 ug/l.  
 Sample failed 23-MAY-2017 (ZS0102AE) Total coliforms = 13 No./100.  
 Sample failed 09-JUN-2017 (ZS0102AE) 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 - ZS0103 - Belfast Ballyhanwood  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	72	72	0	0.000	< 0.001	< 0.002	0.010
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	19.510	43.299	115.600
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	0.051	0.067	0.087
Arsenic	ug/l As	S	8	8	0	0.000	0.271	0.327	0.546
Asulam	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	0.009
Bentazone	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	< 0.007
Benzene	ug/l	S	8	9	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	0.013	0.060
Bromate	ug/l	S	8	8	0	0.000	0.590	0.990	1.700
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.017	0.027	0.040
Chloride	mg Cl/l	S	8	8	0	0.000	8.762	11.712	19.635
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.076	0.129	0.151
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	989	989	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.212	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.346	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.540	0.794	1.400
Conductivity	uS/cm 20 C	S	52	52	0	0.000	78.000	126.788	308.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.010	0.029
Cyanide	ug/l	AS	72	73	0	0.000	< 1.700	< 1.804	2.800
Dicamba	ug/l	AS	72	72	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	0.005
Diffenican	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	72	72	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	72	72	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.073	0.086	0.106
Fluroxypyr	ug/l	AS	72	72	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.050	0.268	0.670
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	52	0	0.000	7.140	7.479	7.810
Iron	ug Fe/l	S	52	52	0	0.000	1.630	25.005	167.700
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.060	1.369	8.548
Linuron	ug/l	AS	72	72	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.013	0.057
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.270	0.983	5.470
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.016	0.035
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	72	71	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.215	0.504	0.980
Nitrate	mg/l	S	8	8	0	0.000	0.988	1.395	2.210
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	72	71	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	72	72	0	0.000	< 0.050	< 0.056	0.306
Phorate	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	71		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	72	72		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.150	0.204	0.246
Sodium	S	8	8		0	0.000	6.065	8.522	15.041
Sulphate	S	8	8		0	0.000	14.407	22.132	30.500
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.080	0.350	0.730
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.658	1.174	1.500
Total Trihalomethanes	S	8	9		0	0.000	25.940	48.047	66.010
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.005	0.018
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.090	0.149	0.440

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59459

This zone has a surface water source :R2308

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 - ZS0104 - Belfast Breda North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	72	0	0.000	< 0.001	< 0.002	0.010
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	15.290	29.387	70.730
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	0.093	0.126	0.208
Arsenic	ug/l As	S	8	8	0	0.000	0.251	0.300	0.357
Asulam	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	0.009
Bentazone	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	< 0.007
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	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.349	0.690
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.013	0.020	0.035
Chloride	mg Cl/l	S	8	8	0	0.000	17.648	22.157	24.363
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.131	0.199	0.253
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	989	989	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.028	32.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.250	3.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.570	1.195	1.690
Conductivity	uS/cm 20 C	S	36	36	0	0.000	82.000	304.611	393.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.019	0.082
Cyanide	ug/l	AS	72	73	0	0.000	< 1.700	< 1.804	2.800
Dicamba	ug/l	AS	72	72	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	0.005
Diiflufenican	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	72	72	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	72	72	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.035	0.050
Fluroxypyr	ug/l	AS	72	72	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.320	0.780
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	36	36	0	0.000	7.160	7.591	7.840
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 24.191	120.700
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	2	25.000	0.084	10.512	53.844
Linuron	ug/l	AS	72	72	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.013	0.057
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.490	2.598	12.910
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.021	0.041
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	72	71	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.047	1.551	2.429
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.126	2.710
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	72	71	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	72	72	0	0.000	< 0.050	< 0.056	0.306
Phorate	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	71		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	72	72		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.150	0.261	0.447
Sodium	S	8	8		0	0.000	14.012	16.791	19.241
Sulphate	S	8	8		0	0.000	42.608	58.616	76.715
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.060	0.461	1.080
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.470	2.766	3.260
Total Trihalomethanes	S	8	8		0	0.000	44.080	64.164	97.510
Total coliforms	S	108	108		1	0.926	0.000	0.083	9.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.005	0.018
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.120	0.182	0.320

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42517

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 22-FEB-2017 (ZS0104AE) Lead = 25.5 ug Pb.  
 Sample failed 11-JUL-2017 (ZS0104AE) Lead = 53.8 ug Pb.  
 Sample failed 05-DEC-2017 (ZS0104AE) Total coliforms = 9 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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	72	0	0.000	< 0.001	< 0.002	0.010
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	16.870	33.642	168.100
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	0.072	0.112	0.135
Arsenic	ug/l As	S	8	8	0	0.000	0.260	0.313	0.383
Asulam	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	0.009
Bentazone	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	< 0.007
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	0.011	0.013
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.390	0.740
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.013	0.021	0.030
Chloride	mg Cl/l	S	8	8	0	0.000	13.679	21.556	25.826
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.151	0.241	0.347
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	989	989	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	4.000	88.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.288	4.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.730	1.222	1.800
Conductivity	uS/cm 20 C	S	52	52	0	0.000	83.000	315.154	395.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.012	0.052
Cyanide	ug/l	AS	72	73	0	0.000	< 1.700	< 1.804	2.800
Dicamba	ug/l	AS	72	72	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	0.005
Diiflufenican	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	72	72	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	72	72	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.021	0.040	0.062
Fluroxypyr	ug/l	AS	72	72	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.050	< 0.378	0.930
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	52	0	0.000	7.160	7.610	8.210
Iron	ug Fe/l	S	52	52	1	1.923	1.580	22.718	225.600
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	2	25.000	0.068	4.834	22.224
Linuron	ug/l	AS	72	72	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.013	0.057
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.400	1.473	6.660
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.012	0.026
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	72	71	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.094	2.302	7.549
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.149	2.208
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	72	71	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	72	72	0	0.000	< 0.050	< 0.056	0.306
Phorate	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	71		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	72	72		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.151	0.267	0.436
Sodium	S	8	8		0	0.000	10.004	16.270	19.577
Sulphate	S	8	8		0	0.000	28.992	61.271	78.699
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.080	0.515	1.040
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.770	2.518	3.030
Total Trihalomethanes	S	8	8		0	0.000	38.480	58.914	81.910
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.005	0.018
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.120	0.197	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 57153

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 25-SEP-2017 (ZS0105AE) Iron = 226 ug Fe/.  
 Sample failed 06-FEB-2017 (ZS0105AE) Lead = 22.2 ug Pb.  
 Sample failed 07-DEC-2017 (ZS0105AE) Lead = 10.7 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 - ZS0106 - Dunore Belfast North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	15.340	28.066	65.510
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	0.100	0.131	0.189
Arsenic	ug/l As	S	8	8	0	0.000	0.278	0.331	0.382
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	0.012	0.013	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.320	0.460
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.032
Chloride	mg Cl/l	S	8	8	0	0.000	22.561	24.604	26.249
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.205	0.288	0.410
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.083	23.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.444	8.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.540	1.549	2.510
Conductivity	uS/cm 20 C	S	36	36	0	0.000	326.000	370.722	395.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.007	0.020
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.026	0.033
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.060	0.311	0.830
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	36	0	0.000	7.320	7.623	7.860
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 20.339	78.790
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	0.123	0.319
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.260	1.458	7.820
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.012	0.029
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.307	1.513	1.778
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.281	2.820
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.201	0.314	0.430
Sodium	S	8	8		0	0.000	17.110	19.234	20.167
Sulphate	S	8	8		0	0.000	61.673	71.145	80.566
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	120	120		0	0.000	0.140	0.470	1.170
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.830	3.038	3.260
Total Trihalomethanes	S	8	8		0	0.000	41.390	64.569	87.510
Total coliforms	S	120	120		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	0.011
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.110	0.213	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 47434

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 - ZS0107 - Belfast Oldpark  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.002	0.008
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	14.980	26.903	37.270
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.019
Antimony	ug/l Sb	S	8	8	0	0.000	0.105	0.128	0.156
Arsenic	ug/l As	S	8	8	0	0.000	0.262	0.308	0.343
Asulam	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	< 0.007
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	0.013	0.013	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.450	1.500
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.009	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	22.552	24.266	26.364
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.164	0.231	0.297
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	416	416	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.917	27.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.444	6.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.540	1.492	2.520
Conductivity	uS/cm 20 C	S	36	36	0	0.000	120.000	362.889	397.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.035	0.082
Cyanide	ug/l	AS	32	32	0	0.000	< 1.700	< 1.906	5.200
Dicamba	ug/l	AS	32	32	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	0.005
Diffenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108	1	0.926	0.000	0.037	4.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.021	0.028	0.042
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.211	0.870
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	36	0	0.000	7.360	7.578	8.010
Iron	ug Fe/l	S	36	36	0	0.000	8.700	40.759	151.200
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.090	0.193	0.521
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.015	0.032
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.860	2.564	5.620
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.020	0.075
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.323	1.678	2.194
Nitrate	mg/l	S	8	8	0	0.000	0.373	1.261	2.780
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.060	0.306
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	32	32		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.285	0.412
Sodium	S	8	8		0	0.000	17.260	18.915	20.221
Sulphate	S	8	8		0	0.000	62.600	71.459	78.961
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.140	0.366	1.100
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.540	2.783	3.020
Total Trihalomethanes	S	8	8		0	0.000	47.570	64.268	83.620
Total coliforms	S	108	108		2	1.852	0.000	0.213	16.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.004	0.011
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.160	0.289	0.680

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 45508

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 09-JAN-2017 (ZS0107AE) E. coli = 4 No./100.  
 Sample failed 09-JAN-2017 (ZS0107AE) Total coliforms = 16 No./100.  
 Sample failed 03-AUG-2017 (ZS0107AE) 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 - ZS0108 - Belfast Purdysburn  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	72	72	0	0.000	< 0.001	< 0.002	0.010
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	21.250	40.816	69.880
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	0.090	0.253
Arsenic	ug/l As	S	8	8	0	0.000	0.252	0.326	0.620
Asulam	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	0.009
Bentazone	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	< 0.007
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	0.006	0.007
Bromate	ug/l	S	8	8	0	0.000	0.360	1.026	2.000
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.018	0.055	0.247
Chloride	mg Cl/l	S	8	8	0	0.000	8.254	10.325	12.530
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.181	0.476
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	989	989	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.333	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.056	20.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.510	0.781	1.280
Conductivity	uS/cm 20 C	S	36	36	0	0.000	78.000	116.917	218.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.009
Cyanide	ug/l	AS	72	73	0	0.000	< 1.700	< 1.804	2.800
Dicamba	ug/l	AS	72	72	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.001	0.005
Diffenican	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	72	72	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	72	72	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.072	0.086	0.104
Fluroxypyr	ug/l	AS	72	72	0	0.000	0.004	0.008	0.018
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.050	0.344	0.760
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	36	36	0	0.000	7.150	7.489	7.990
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 13.440	58.270
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.754	9.044
Linuron	ug/l	AS	72	72	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.013	0.057
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.380	1.309	17.470
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.004	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.020	0.060
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	72	71	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.225	0.352	0.490
Nitrate	mg/l	S	8	8	0	0.000	1.117	1.412	2.010
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	72	71	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	72	72	0	0.000	< 0.050	< 0.056	0.306
Phorate	ug/l	AS	72	72	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l AS	72	71		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l AS	72	72		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l AS	72	72		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	ug/l AS	72	72		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se S	8	8		0	0.000	< 0.200	< 0.298	0.599
Sodium	mg Na/l S	8	8		0	0.000	5.950	7.221	9.180
Sulphate	mg SO4/l S	8	8		0	0.000	15.277	20.924	29.100
Taste	Diln No S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l AS	72	72		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
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	0.070	0.423	0.940
Total Indicative Dose	mSv/year AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l S	8	8		0	0.000	1.050	1.335	1.710
Total Trihalomethanes	ug/l S	8	8		0	0.000	33.710	47.628	62.010
Total coliforms	No./100 ml S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l AS	72	72		0	0.000	< 0.004	< 0.005	0.018
Tritium	Bq/l AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU S	36	36		0	0.000	0.090	0.132	0.220

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39006

This zone has a surface water source :R2308

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 - ZS0109 - Dorisland Whiteabbey  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	0.003
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	10.600	24.611	47.990
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	0.030	0.094	0.139
Arsenic	ug/l As	S	8	8	0	0.000	0.282	0.311	0.354
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.012	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.548	1.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.009	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	15.728	21.679	26.836
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.173	0.300	0.374
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	8.833	195.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.917	24.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.510	1.137	2.000
Conductivity	uS/cm 20 C	S	36	36	0	0.000	323.000	361.306	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.020
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 2.525	5.200
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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	0	0.000	< 0.003	< 0.003	0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.025	0.031
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.060	0.311	1.020
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	7.060	7.495	7.810
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 19.436	71.000
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	< 4.482	28.189
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	< 0.001	0.002
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	0.460	1.857	4.650
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.013	0.036
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.424	2.031	3.193
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.181	2.530
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	36	36	1	2.778	0.000	0.111	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.152	0.267	0.352
Sodium	S	8	8		0	0.000	12.253	16.500	20.352
Sulphate	S	8	8		0	0.000	71.200	83.122	102.500
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	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.110	0.448	1.440
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.270	2.238	3.180
Total Trihalomethanes	S	8	8		0	0.000	23.000	52.354	90.820
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	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.183	0.420

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44293

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 06-NOV-2017 (ZS0109AE) Lead = 28.2 ug Pb.  
 Sample failed 15-MAY-2017 (ZS0109AE) Odour = 4 Dilm No.

Notes:

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

Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	10.740	26.440	52.590
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.080	0.121	0.148
Arsenic	ug/l As	S	8	8	0	0.000	0.268	0.324	0.371
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.007
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	0.012	0.013	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	22.910	24.721	26.306
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.142	0.236	0.322
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.417	6.000
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	0.680	1.504	2.310
Conductivity	uS/cm 20 C	S	36	36	0	0.000	320.000	371.111	399.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.010
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.025	0.030
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.004	0.009	0.018
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.060	0.311	1.120
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.007
Hydrogen Ion	pH value	S	36	38	0	0.000	7.400	7.681	8.000
Iron	ug Fe/l	S	36	36	0	0.000	1.700	14.887	66.970
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	< 0.623	2.621
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.009	0.019	0.032
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.170	0.886	3.180
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.025
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.014	0.041
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 1.352	1.659
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.363	2.910
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.064	0.306
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	0.006
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	0.235	0.319	0.439
Sodium	mg Na/l	S	8	8	0	0.000	17.240	19.312	20.454
Sulphate	mg SO4/l	S	8	8	0	0.000	64.545	71.275	79.768
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.120	0.474	1.130
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	2.630	2.986	3.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.410	54.215	62.330
Total coliforms	No./100 ml	S	84	84	2	2.381	0.000	0.310	24.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.011
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36	0	0.000	0.100	0.182	0.360

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 32997

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-MAY-2017 (ZS0111AE) Total coliforms = 24 No./100.  
 Sample failed 25-JUL-2017 (ZS0111AE) 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 - ZS0201 - Dorisland Carrick  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	0.003
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	7.590	22.041	45.660
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	0.035	0.045	0.053
Arsenic	ug/l As	S	8	8	0	0.000	0.258	< 0.295	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.012
Bromate	ug/l	S	8	8	0	0.000	0.560	0.804	1.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.013	0.050
Chloride	mg Cl/l	S	8	8	0	0.000	15.029	16.707	18.310
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.195	0.277	0.363
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	0.222	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.222	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.500	0.840	1.260
Conductivity	uS/cm 20 C	S	36	36	0	0.000	314.000	348.417	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.009	0.050
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 2.525	5.200
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	< 0.001	< 0.001
Diffufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	0	0.000	< 0.003	< 0.003	0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.025	0.037
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	108	109	0	0.000	0.080	0.451	0.800
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	7.250	7.503	7.770
Iron	ug Fe/l	S	36	36	0	0.000	1.980	12.533	98.910
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	0.055	1.663	12.252
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	< 0.001	0.002
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	1.180	3.401	10.370
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.020	0.068
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	1	12.500	1.348	5.651	26.086
Nitrate	mg/l	S	8	8	0	0.000	1.040	2.020	3.370
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	36	37	1	2.703	0.000	0.270	10.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.153	0.214	0.305
Sodium	S	8	8		0	0.000	12.134	12.994	14.085
Sulphate	S	8	8		0	0.000	94.120	103.830	124.914
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	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	109		0	0.000	0.090	0.556	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	0.570	0.919	1.260
Total Trihalomethanes	S	8	8		0	0.000	18.300	24.516	31.410
Total coliforms	S	108	108		1	0.926	0.000	0.019	2.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.070	0.117	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42202

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 24-JUL-2017 (ZS0201AE) Lead = 12.3 ug Pb.  
 Sample failed 05-JUN-2017 (ZS0201AE) Nickel = 26.09 ug N.  
 Sample failed 16-OCT-2017 (ZS0201AE) Odour = 10 Diln No.  
 Sample failed 29-MAR-2017 (ZS0201AE) 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 - ZS0401 - Drumaroad Bangor  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	2	2.632	17.290	56.177	493.500
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	0.055	0.067	0.077
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.550	0.928	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.017	0.025	0.034
Chloride	mg Cl/l	S	8	8	0	0.000	8.180	9.809	11.675
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.090	0.145	0.254
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.017
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	4.382	228.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.487	20.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.500	0.801	1.550
Conductivity	uS/cm 20 C	S	76	76	0	0.000	76.000	107.000	167.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.012	0.058
Cyanide	ug/l	AS	24	25	0	0.000	< 1.700	< 2.004	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	204	204	1	0.490	0.000	0.005	1.000
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	< 0.003	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.073	0.086	0.101
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	< 0.050	< 0.374	0.830
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	76	76	0	0.000	6.940	7.462	7.890
Iron	ug Fe/l	S	76	76	2	2.632	1.880	49.169	889.700
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	0.078	0.985	5.982
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	< 0.001	0.001
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76	0	0.000	0.220	1.615	30.570
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.017	0.065
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.201	0.588	1.916
Nitrate	mg/l	S	8	8	0	0.000	1.130	1.412	2.140
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	< 0.002
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	0.157	0.229	0.328
Sodium	mg Na/l	S	8	8	0	0.000	5.860	6.903	8.304
Sulphate	mg SO4/l	S	8	8	0	0.000	14.114	19.558	25.795
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	< 0.002	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.439	0.880
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	1.040	1.305	1.450
Total Trihalomethanes	ug/l	S	8	8	0	0.000	33.510	45.090	61.510
Total coliforms	No./100 ml	S	204	204	2	0.980	0.000	0.044	8.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	76	76	0	0.000	0.080	0.227	3.590

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 82570

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 14-MAR-2017 (ZS0401AE) Aluminium = 359 ug Al/.  
 Sample failed 06-SEP-2017 (ZS0401AE) Aluminium = 494 ug Al/.  
 Sample failed 24-JUL-2017 (ZS0401AE) E. coli = 1 No./100.  
 Sample failed 14-MAR-2017 (ZS0401AE) Iron = 890 ug Fe/.  
 Sample failed 06-SEP-2017 (ZS0401AE) Iron = 689 ug Fe/.  
 Sample failed 28-FEB-2017 (ZS0401AE) Total coliforms = 8 No./100.  
 Sample failed 24-JUL-2017 (ZS0401AE) 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 - ZS0404 - Drumaroad Ards  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	0	0.000	10.140	44.757	125.100
Ammonium	mg NH4/l	S	76	76	0	0.000	< 0.012	< 0.012	0.031
Antimony	ug/l Sb	S	8	8	0	0.000	0.055	0.067	0.083
Arsenic	ug/l As	S	8	8	0	0.000	0.268	< 0.295	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.006	0.007
Bromate	ug/l	S	8	8	0	0.000	0.440	0.891	1.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.019	0.035	0.071
Chloride	mg Cl/l	S	8	8	0	0.000	8.309	10.374	12.059
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.119	0.145	0.188
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.017
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.289	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.092	4.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.500	0.889	2.140
Conductivity	uS/cm 20 C	S	76	76	0	0.000	75.000	105.603	167.000
Copper	mg Cu/l	S	8	8	1	12.500	0.001	0.281	2.178
Cyanide	ug/l	AS	24	25	0	0.000	< 1.700	< 2.004	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.003	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.074	0.082	0.101
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.050	0.393	0.900
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	76	77	0	0.000	6.850	7.499	7.900
Iron	ug Fe/l	S	76	76	1	1.316	1.870	29.673	275.500
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.064	2.607	17.505
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	< 0.001	0.001
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76	1	1.316	0.120	4.084	224.700
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.039
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.196	1.409	4.622
Nitrate	mg/l	S	8	8	0	0.000	1.128	1.313	1.680
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	23		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.150	0.205	0.274
Sodium	S	8	8		0	0.000	5.867	7.460	8.930
Sulphate	S	8	8		0	0.000	15.127	21.334	26.133
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	204	204		0	0.000	0.090	0.463	0.950
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.160	1.280	1.400
Total Trihalomethanes	S	8	8		0	0.000	31.610	43.273	56.910
Total coliforms	S	204	204		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.070	0.167	1.670

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 86440

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 20-MAR-2017 (ZS0404AE) Copper = 2.178 mg C.  
 Sample failed 13-SEP-2017 (ZS0404AE) Iron = 276 ug Fe/.  
 Sample failed 06-FEB-2017 (ZS0404AE) Lead = 17.5 ug Pb.  
 Sample failed 13-SEP-2017 (ZS0404AE) Manganese = 224.7 ug M.

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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	15.560	41.279	74.690
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	0.051	0.064	0.074
Arsenic	ug/l As	S	8	8	0	0.000	0.271	< 0.296	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.005	0.006
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.809	1.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.017	0.031	0.042
Chloride	mg Cl/l	S	8	8	0	0.000	8.509	10.092	11.783
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.072	0.138	0.417
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.017
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.250	41.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.500	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.540	0.842	2.140
Conductivity	uS/cm 20 C	S	36	36	0	0.000	76.000	111.111	380.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.008	0.022
Cyanide	ug/l	AS	24	25	0	0.000	< 1.700	< 2.004	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	24	24	0	0.000	< 0.002	< 0.003	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.077	0.087	0.108
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	< 0.050	< 0.449	0.890
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.100	7.486	7.960
Iron	ug Fe/l	S	36	36	1	2.778	1.620	28.570	204.400
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	0.066	0.274	1.170
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	< 0.001	0.001
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.260	1.222	7.570
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.042
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.131	0.532	1.011
Nitrate	mg/l	S	8	8	0	0.000	1.112	1.437	2.180
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	23		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.156	0.223	0.313
Sodium	S	8	8		0	0.000	5.990	7.098	8.590
Sulphate	S	8	8		0	0.000	13.676	19.403	24.800
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.080	0.524	0.960
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.973	1.238	1.440
Total Trihalomethanes	S	8	8		0	0.000	27.710	37.329	60.910
Total coliforms	S	84	84		0	0.000	0.000	0.274	23.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.144	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31107

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 07-JUN-2017 (ZS0501AE) Iron = 204 ug Fe/.

Sample failed 19-JUL-2017 (ZS0501AE) Total coliforms = 23 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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.006	0.011
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	16.400	29.440	59.420
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	0.035
Antimony	ug/l Sb	S	8	8	0	0.000	0.124	0.132	0.142
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.351	0.394
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.013	0.014	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.348	0.620
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.010	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	23.920	24.796	26.127
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.168	0.252	0.314
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.010	0.020
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	2.442	88.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.154	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.570	1.156	2.270
Conductivity	uS/cm 20 C	S	52	52	0	0.000	342.000	395.519	431.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.027	0.122
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	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	8	8	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.028	0.042
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.050	< 0.290	0.990
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	7.560	7.719	7.980
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 20.703	182.700
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	0.051	0.264	1.233
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.023	0.032
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	0.360	1.533	9.670
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	0.011
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.026	0.093
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	1.432	1.560
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.401	3.354
Nitrite	mg/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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.058	0.073
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.006
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.234	0.308	0.459
Sodium	S	8	8		0	0.000	18.078	21.082	25.485
Sulphate	S	8	8		0	0.000	58.133	79.434	91.686
Taste	S	52	52		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	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.080	0.426	1.210
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.610	2.824	2.990
Total Trihalomethanes	S	8	8		0	0.000	22.620	62.274	87.900
Total coliforms	S	144	144		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	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.210	1.130

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59626

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 - ZS0503 - Forked Bridge Stoneyford  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.006	0.011
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	14.570	31.817	68.690
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	0.125	0.138	0.144
Arsenic	ug/l As	S	8	8	0	0.000	0.265	0.328	0.369
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.012	0.014	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.473	0.680
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.012	0.019
Chloride	mg Cl/l	S	8	8	0	0.000	22.733	24.146	25.196
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.151	0.266	0.355
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.010	0.020
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	1.792	26.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.750	13.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.540	0.963	1.740
Conductivity	uS/cm 20 C	S	24	24	0	0.000	356.000	409.083	442.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.007
Cyanide	ug/l	AS	8	8	0	0.000	< 1.700	< 1.700	< 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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	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	8	8	0	0.000	< 0.002	< 0.005	< 0.024
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.024	0.036
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.017
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.100	0.433	0.830
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	7.650	7.791	7.910
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 11.660	100.700
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	0.075	0.253	0.920
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.023	0.032
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	0.410	1.205	4.470
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	0.011
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.070	0.270
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 1.255	1.957
Nitrate	mg/l	S	8	8	0	0.000	0.383	1.294	3.760
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	26	2	7.692	0.000	0.538	9.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.058	0.073
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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	< 0.006
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.157	0.283	0.460
Sodium	mg Na/l	S	8	8	0	0.000	18.306	21.441	24.429
Sulphate	mg SO4/l	S	8	8	0	0.000	43.905	82.695	96.843
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	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.190	0.567	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	S	8	8	0	0.000	2.420	2.919	3.360
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.850	52.440	67.300
Total coliforms	No./100 ml	S	72	72	0	0.000	0.000	0.014	1.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.011
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	24	0	0.000	0.110	0.164	0.290

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27629

PCV Exceedances:

Sample failed 19-APR-2017 (ZS0503AE) Odour = 5 Diln No.  
 Sample failed 01-AUG-2017 (ZS0503AE) Odour = 9 Diln No.  
 Sample failed 16-FEB-2017 (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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	10.680	41.599	113.900
Ammonium	mg NH4/l	S	52	53	0	0.000	< 0.012	< 0.012	0.027
Antimony	ug/l Sb	S	8	8	0	0.000	0.047	0.070	0.138
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.312	0.398
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.006	0.013
Bromate	ug/l	S	8	8	0	0.000	0.460	0.773	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.018	0.030	0.035
Chloride	mg Cl/l	S	8	8	0	0.000	8.305	11.558	25.213
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.089	0.167	0.380
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.017
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.192	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.058	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.500	0.863	2.250
Conductivity	uS/cm 20 C	S	52	52	0	0.000	74.000	169.577	434.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.011	0.025
Cyanide	ug/l	AS	24	25	0	0.000	< 1.700	< 2.004	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	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	24	24	0	0.000	< 0.002	< 0.003	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.023	0.074	0.090
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	< 0.050	< 0.504	1.010
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52	0	0.000	7.210	7.522	8.050
Iron	ug Fe/l	S	52	52	0	0.000	1.590	21.964	159.400
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	0.072	0.183	0.697
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	< 0.001	0.001
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.160	0.783	3.400
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.019	0.056
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.950	1.684
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.234	1.750
Nitrite	mg/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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	23		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.154	0.220	0.392
Sodium	S	8	8		0	0.000	5.887	8.057	17.216
Sulphate	S	8	8		0	0.000	13.220	27.968	99.691
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.070	0.601	1.710
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.798	1.322	2.920
Total Trihalomethanes	S	8	8		0	0.000	25.410	36.946	55.100
Total coliforms	S	132	132		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.070	0.147	0.660

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55399

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 - ZS0602 - Drumaroad Downpatrick  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	12.830	48.435	93.580
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	0.047	0.067	0.090
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
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	0.005	0.005
Bromate	ug/l	S	8	8	0	0.000	0.880	1.014	1.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.021	0.029	0.038
Chloride	mg Cl/l	S	8	9	0	0.000	8.330	8.936	9.425
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.082	0.133	0.241
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.017
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.083	2.000
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	0.500	0.783	1.050
Conductivity	uS/cm 20 C	S	36	36	0	0.000	72.000	79.194	84.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.006	0.020
Cyanide	ug/l	AS	24	25	0	0.000	< 1.700	< 2.004	2.800
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	< 0.001	< 0.001
Diffenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	24	24	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	24	24	0	0.000	< 0.002	< 0.003	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	9	0	0.000	0.077	0.089	0.105
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.090	0.511	0.920
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.050	7.489	8.110
Iron	ug Fe/l	S	36	36	0	0.000	1.560	6.698	36.780
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.053	1.598	11.770
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	< 0.001	0.001
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	36	36	0	0.000	0.080	0.399	1.080
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.010	0.020
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.182	0.418	0.859
Nitrate	mg/l	S	8	9	0	0.000	1.105	1.452	2.080
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	36	38	1	2.632	0.000	0.211	8.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	23		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.156	< 0.195	< 0.200
Sodium	S	8	9		0	0.000	5.960	6.161	6.440
Sulphate	S	8	9		0	0.000	12.157	14.240	15.666
Taste	S	36	37		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.120	0.586	0.970
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.761	1.152	1.440
Total Trihalomethanes	S	8	8		0	0.000	29.410	42.054	57.210
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	< 0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.080	0.110	0.250

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41776

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 24-JAN-2017 (ZS0602AE) Lead = 11.8 ug Pb.  
 Sample failed 23-MAY-2017 (ZS0602AE) Odour = 8 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 - ZS0802 - Castor Bay Lurgan  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	14.610	40.567	109.000
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	0.062	0.102	0.145
Arsenic	ug/l As	S	8	8	0	0.000	0.281	0.317	0.383
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
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	< 0.676	1.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.023	0.040
Chloride	mg Cl/l	S	8	8	0	0.000	8.938	19.117	24.421
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.115	0.256	0.456
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.192	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.231	3.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.540	0.981	1.910
Conductivity	uS/cm 20 C	S	52	52	0	0.000	78.000	343.885	443.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.074	0.408
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	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	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.042	0.096
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.050	0.408	1.030
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	52	0	0.000	7.250	7.624	7.980
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 24.582	142.900
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	3	37.500	0.082	10.665	31.246
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	< 0.020	0.057
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.280	2.034	33.760
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.011	0.023
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 1.835	3.441
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.274	3.140
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	0.006
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	0.183	0.271	0.403
Sodium	mg Na/l	S	8	8	0	0.000	6.102	15.089	21.180
Sulphate	mg SO4/l	S	8	8	0	0.000	14.681	62.555	90.901
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	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.100	0.591	1.340
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	1.100	2.228	2.930
Total Trihalomethanes	ug/l	S	8	8	0	0.000	31.670	50.451	64.700
Total coliforms	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.018
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	52	52	0	0.000	0.110	0.223	1.510

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61279

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 06-MAR-2017 (ZS0802AE) Lead = 31.2 ug Pb.  
 Sample failed 05-SEP-2017 (ZS0802AE) Lead = 31.1 ug Pb.  
 Sample failed 25-OCT-2017 (ZS0802AE) Lead = 20.1 ug Pb.

Notes:

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

Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	0	0.000	10.580	33.780	88.250
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	0.117	0.141	0.157
Arsenic	ug/l As	S	8	8	0	0.000	0.258	0.318	0.372
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
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	0.012	0.014	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.471	0.710
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.012	0.017
Chloride	mg Cl/l	S	8	8	0	0.000	23.197	23.961	25.270
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.269	0.326	0.393
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.961	31.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.737	42.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.510	1.000	1.970
Conductivity	uS/cm 20 C	S	76	76	0	0.000	237.000	400.553	438.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.014	0.023
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	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	1	0.490	0.000	0.005	1.000
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	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.023	0.039
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.050	0.417	0.880
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	76	76	0	0.000	7.420	7.644	8.040
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 31.195	179.900
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	0.085	0.669	2.853
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	< 0.020	0.057
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	76	76	0	0.000	0.510	2.066	10.300
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.022	0.053
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.152	1.714	2.582
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.285	3.350
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm No	S	76	78	1	1.282	0.000	0.026	2.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	0.006
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	0.194	0.262	0.391
Sodium	mg Na/l	S	8	8	0	0.000	16.765	19.800	24.715
Sulphate	mg SO4/l	S	8	8	0	0.000	73.500	90.250	102.635
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	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.170	0.623	1.200
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	2.360	2.836	3.240
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.760	50.274	64.200
Total coliforms	No./100 ml	S	204	204	0	0.000	0.000	0.010	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.018
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	76	76	0	0.000	0.110	0.218	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 86152

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 24-MAY-2017 (ZS0808AE) E. coli = 1 No./100.  
 Sample failed 26-SEP-2017 (ZS0808AE) Odour = 2 Diln No.  
 Sample failed 24-MAY-2017 (ZS0808AE) Total coliforms = 1 No./100.  
 Sample failed 21-SEP-2017 (ZS0808AE) 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 - ZS0809 - Castor Bay Dungannon  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	13.650	40.423	492.100
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	0.014
Antimony	ug/l Sb	S	8	8	0	0.000	0.115	0.145	0.205
Arsenic	ug/l As	S	8	8	0	0.000	0.284	0.326	0.379
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
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	0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.014	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.546	0.790
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.012	0.022
Chloride	mg Cl/l	S	8	8	0	0.000	23.090	24.291	25.737
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.206	0.323	0.377
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.308	76.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.250	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.520	0.936	1.790
Conductivity	uS/cm 20 C	S	52	52	0	0.000	341.000	403.442	444.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.043	0.189
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	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	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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.021	0.025	0.031
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.060	0.328	0.930
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	52	0	0.000	7.360	7.636	8.020
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 22.112	344.900
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	0.050	1.175	8.695
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	< 0.020	0.057
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.300	1.373	9.490
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.019	0.070
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.099	1.807	3.546
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.460	3.235
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.002	0.006
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	< 0.200	< 0.299	0.360
Sodium	mg Na/l	S	8	8	0	0.000	17.413	20.102	25.345
Sulphate	mg SO4/l	S	8	8	0	0.000	56.499	84.821	104.760
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	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.130	0.527	1.090
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	2.240	2.806	3.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	42.360	52.589	65.800
Total coliforms	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.018
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	52	52	0	0.000	0.100	0.218	2.450

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 65519

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 03-JAN-2017 (ZS0809AE) Aluminium = 492 ug Al/.  
 Sample failed 03-JAN-2017 (ZS0809AE) Iron = 345 ug Fe/.

Notes:

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

Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	7.520	29.802	84.850
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	0.058	0.126	0.170
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.312	0.340
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
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	< 0.010	0.015
Bromate	ug/l	S	8	9	0	0.000	< 0.300	< 0.798	1.800
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	11.430	21.121	24.316
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.062	0.224	0.360
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.019	94.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.173	6.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.500	1.003	2.140
Conductivity	uS/cm 20 C	S	52	52	0	0.000	91.000	341.308	443.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.025	0.161
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	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	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	24	24	0	0.000	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.021	0.026
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	< 0.050	< 0.476	0.950
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	52	0	0.000	7.300	7.607	8.030
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 19.352	234.000
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	0.065	0.793	5.683
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	< 0.020	0.057
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	52	52	0	0.000	0.410	1.261	6.660
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.025	0.086
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.313	1.396	3.342
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.533	3.485
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.197	0.262	0.432
Sodium	S	8	8		0	0.000	< 0.300	< 16.950	25.417
Sulphate	S	8	8		0	0.000	15.782	70.426	98.675
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.120	0.667	1.030
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.500	2.476	3.290
Total Trihalomethanes	S	8	8		0	0.000	34.910	50.689	65.810
Total coliforms	S	132	132		0	0.000	0.000	0.008	1.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.018
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.070	0.178	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 53180

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 23-FEB-2017 (ZS0810AE) Iron = 234 ug Fe/.

Sample failed 14-SEP-2017 (ZS0810AE) 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 - ZS0901 - Castor Bay Newry West  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	0.010
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	11.820	37.666	159.200
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	0.120	0.145	0.190
Arsenic	ug/l As	S	8	8	0	0.000	0.284	0.328	0.380
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.006
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
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	0.013	0.014	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.665	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.016
Chloride	mg Cl/l	S	8	8	0	0.000	23.492	24.450	25.172
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.199	0.279	0.395
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.458	22.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.417	7.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.570	0.892	1.550
Conductivity	uS/cm 20 C	S	24	24	0	0.000	352.000	405.208	440.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.010	0.022
Cyanide	ug/l	AS	24	24	0	0.000	< 1.700	< 1.700	< 1.700
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	< 0.001	0.005
Diffenican	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	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	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.024	0.033
Fluroxypyr	ug/l	AS	24	24	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.070	0.525	1.490
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	24	24	0	0.000	7.410	7.645	7.820
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 29.504	359.600
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	0.093	0.450	2.442
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	< 0.020	0.057
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	0.360	1.441	7.110
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.040	0.242
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.315	1.606	2.121
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 1.414	3.514
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.180	0.285	0.405
Sodium	S	8	8		0	0.000	18.220	20.488	25.455
Sulphate	S	8	8		0	0.000	77.649	87.004	94.270
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.018
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.180	0.733	1.810
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.270	2.706	3.140
Total Trihalomethanes	S	8	8		0	0.000	36.980	56.818	78.810
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.018
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.090	0.196	1.180

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21676

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 08-AUG-2017 (ZS0901AE) Iron = 360 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 - ZS0902 - Fofanny Dromore  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	37	0	0.000	5.200	24.419	73.990
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	0.063	0.072	0.087
Arsenic	ug/l As	S	8	8	0	0.000	0.271	< 0.293	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	1.100	1.388	1.700
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.011	0.020
Chloride	mg Cl/l	S	8	8	0	0.000	10.700	11.672	12.740
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.075	0.147	0.248
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.417	10.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.333	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.700	1.205	2.050
Conductivity	uS/cm 20 C	S	36	36	0	0.000	90.000	101.833	115.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.009	0.025
Cyanide	ug/l	AS	8	9	0	0.000	< 1.700	< 2.022	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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.100	0.544	1.290
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	7.170	7.611	8.150
Iron	ug Fe/l	S	36	36	0	0.000	1.510	16.563	170.700
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	0.071	0.335	1.485
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	< 0.002	0.007
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	0.160	0.940	4.620
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.015	0.034
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.232	1.352	7.043
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 0.793	1.370
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.005
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.220	0.325
Sodium	S	8	8		0	0.000	7.126	7.626	8.145
Sulphate	S	8	8		0	0.000	15.341	18.150	21.200
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.200	0.664	1.560
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.290	1.603	1.940
Total Trihalomethanes	S	8	8		0	0.000	22.010	50.515	70.410
Total coliforms	S	84	84		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	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.060	0.122	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35146

This zone has a surface water source :R2711

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 - ZS0904 - Fofanny Mourne  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.001	< 0.001
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	3.200	25.663	128.200
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	0.060	0.072	0.089
Arsenic	ug/l As	S	8	8	0	0.000	0.265	< 0.292	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	< 0.300	< 1.250	1.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.013	0.035
Chloride	mg Cl/l	S	8	8	0	0.000	9.991	11.699	12.425
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.127	0.162	0.210
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.731	29.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.673	14.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.590	1.164	2.330
Conductivity	uS/cm 20 C	S	52	52	0	0.000	92.000	112.269	221.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.010	0.041
Cyanide	ug/l	AS	8	9	0	0.000	< 1.700	< 2.022	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	< 0.001	< 0.001
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.005	0.007
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.050	< 0.533	1.600
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	53	0	0.000	7.240	7.684	8.840
Iron	ug Fe/l	S	52	52	0	0.000	1.510	10.953	185.000
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	0.076	0.386	1.773
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	< 0.002	0.007
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	0.200	1.045	4.200
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.023	0.081
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.557	1.454
Nitrate	mg/l	S	8	8	0	0.000	< 0.400	< 0.671	0.990
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.005
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.202	0.219
Sodium	S	8	8		0	0.000	6.625	7.585	7.959
Sulphate	S	8	8		0	0.000	15.549	17.450	21.100
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	< 0.050	< 0.664	2.050
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.230	1.629	2.170
Total Trihalomethanes	S	8	8		0	0.000	23.710	44.948	63.710
Total coliforms	S	144	144		0	0.000	0.000	0.035	5.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.004	0.004
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.060	0.125	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61037

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 30-AUG-2017 (ZS0904AE) Total coliforms = 5 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 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	< 0.003	< 0.003
Aluminium	ug Al/l	S	12	12	0	0.000	4.670	13.558	30.470
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	0.124	0.148	0.174
Arsenic	ug/l As	S	8	8	0	0.000	0.279	0.359	0.440
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.016
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
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	0.009	0.011
Bromate	ug/l	S	8	8	0	0.000	1.100	1.663	2.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.012	0.017
Chloride	mg Cl/l	S	8	8	0	0.000	18.710	20.613	21.951
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	< 0.002	< 0.002
Chromium	ug/l Cr	S	8	8	0	0.000	0.149	0.249	0.376
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.012
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	12	13	0	0.000	0.000	0.846	9.000
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	0.810	1.373	2.700
Conductivity	uS/cm 20 C	S	12	12	0	0.000	280.000	312.500	332.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.032	0.097
Cyanide	ug/l	AS	8	8	0	0.000	2.400	3.913	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	< 0.001	< 0.001
Diffenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.023	0.029
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.160	0.616	1.020
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
Hydrogen Ion	pH value	S	12	12	0	0.000	7.290	7.513	7.780
Iron	ug Fe/l	S	12	12	1	8.333	< 2.000	< 31.983	213.500
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	0.069	0.124	0.275
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.008	0.018	0.035
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	0.240	0.742	4.010
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	0.006	0.015	0.042
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003
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	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	2.557	3.635	8.749
Nitrate	mg/l	S	8	8	0	0.000	0.544	2.916	4.960
Nitrite	mg/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	12	13	1	7.692	0.000	0.769	10.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.055	0.073
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	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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.
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
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	0.210	0.297	0.471
Sodium	mg Na/l	S	8	8	0	0.000	12.253	13.141	14.068
Sulphate	mg SO4/l	S	8	8	0	0.000	67.800	72.230	76.829
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
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	0.420	0.830	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	S	8	8	0	0.000	2.440	3.144	4.420
Total Trihalomethanes	ug/l	S	8	8	0	0.000	46.710	61.421	80.210
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	< 0.006	0.014
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	12	12	0	0.000	0.070	0.123	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9774

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 04-DEC-2017 (ZS1001AE) Iron = 214 ug Fe/.  
 Sample failed 16-OCT-2017 (ZS1001AE) Odour = 10 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 - ZS1002 - Carran Hill Camly  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	32	32	0	0.000	< 0.001	< 0.003	0.010
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	12.500	18.530	28.560
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	0.125	0.135	0.143
Arsenic	ug/l As	S	4	4	0	0.000	0.280	0.355	0.415
Asulam	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	0.016
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	0.003
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	0.011	0.011	0.012
Bromate	ug/l	S	4	4	0	0.000	1.300	1.425	1.600
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Cadmium	ug/l Cd	S	4	4	0	0.000	0.010	0.013	0.017
Chloride	mg Cl/l	S	4	4	0	0.000	20.620	22.083	23.002
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Chromium	ug/l Cr	S	4	4	0	0.000	0.218	0.273	0.347
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	336	336	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	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	0.590	1.105	1.590
Conductivity	uS/cm 20 C	S	4	4	0	0.000	338.000	341.500	346.000
Copper	mg Cu/l	S	4	4	0	0.000	0.002	0.009	0.024
Cyanide	ug/l	AS	32	32	0	0.000	< 1.700	< 2.253	4.600
Dicamba	ug/l	AS	32	32	0	0.000	< 0.005	< 0.012	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	0.005
Diffenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	0.004
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 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	< 0.002	< 0.004	< 0.024
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Fluoride	mg F/l	S	4	4	0	0.000	0.020	0.022	0.025
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.005	0.009	0.017
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.120	0.552	0.850
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	4	4	0	0.000	7.370	7.568	7.720
Iron	ug Fe/l	S	4	4	0	0.000	7.540	14.100	23.630
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4	0	0.000	0.061	0.108	0.170
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.019	0.057
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4	0	0.000	0.160	0.498	0.680
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.019
Mercury	ug/l Hg	S	4	4	0	0.000	0.006	0.010	0.013
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	4	4	0	0.000	2.081	2.228	2.521
Nitrate	mg/l	S	4	4	0	0.000	0.800	2.446	3.850
Nitrite	mg/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Dilm 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	< 0.000	< 0.003	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.025
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.055	0.106
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly  
 Printed On 22-JAN-2018 : NI Water : Period 01-JAN-2017 to 31-DEC-2017 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	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.002	0.006
Prothioconazole	AS	32	32		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	4	4		0	0.000	0.198	0.316	0.439
Sodium	S	4	4		0	0.000	14.892	15.677	16.670
Sulphate	S	4	4		0	0.000	74.000	76.215	78.259
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.018
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	0.746	0.960
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	4	4		0	0.000	2.600	2.753	3.070
Total Trihalomethanes	S	4	4		0	0.000	50.610	59.573	75.660
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.006	0.018
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	4	4		0	0.000	0.100	0.115	0.140

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4305

This zone has a surface water source :R2308

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