

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	AS	8	8		0	0.000	< 0.004	< 0.011	0.015
2,4-DB	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	S	76	76		0	0.000	7.822	33.938	184.600
Ammonium	S	76	76		0	0.000	< 0.010	< 0.012	0.022
Antimony	S	8	8		0	0.000	< 0.010	< 0.072	0.136
Arsenic	S	8	8		0	0.000	0.291	0.325	0.434
Bentazone	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	S	8	8		0	0.000	0.016	0.021	0.025
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	S	8	8		0	0.000	< 0.001	< 0.008	0.011
Bromate	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxnyl	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	S	8	8		0	0.000	0.005	0.011	0.017
Chloride	S	8	8		0	0.000	20.695	24.534	28.140
Chlorotoluron	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Chromium	S	8	8		0	0.000	0.234	0.390	0.552
Clopyralid	AS	8	8		0	0.000	< 0.006	< 0.010	0.020
Clostridium perfringens (sulph red)	AS	104	105		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	76	76		0	0.000	0.000	2.250	94.000
Colony Counts 37 (48hrs)	S	76	76		0	0.000	0.000	0.000	0.000
Colour	S	76	76		0	0.000	0.700	1.531	2.760
Copper	S	8	8		0	0.000	< 0.001	< 0.002	0.004
Cyanide	AS	8	8		0	0.000	< 0.500	< 0.763	< 1.000
Dicamba	AS	8	8		0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Diuron	AS	8	8		0	0.000	< 0.003	< 0.004	0.007
E. coli	S	228	229		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	S	8	8		0	0.000	0.018	0.026	0.049
Fluroxypyr	AS	8	8		0	0.000	< 0.005	< 0.010	0.014
Free - Residual disinfectant	S	228	229		0	0.000	< 0.050	< 0.239	0.960
Glyphosate	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	S	76	76		0	0.000	7.220	7.674	8.000
Iron	S	76	76		1	1.316	1.580	28.790	250.400
Isoproturon	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	S	8	8		0	0.000	0.060	0.158	0.506
Linuron	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	AS	8	8		1	12.500	0.014	0.053	0.170
Manganese	S	76	76		0	0.000	< 0.100	< 2.289	13.390
Mecoprop	AS	8	8		0	0.000	0.011	0.015	0.021
Mercury	S	8	8		0	0.000	0.007	0.026	0.102
Metalaxyl	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Nickel	S	8	8		0	0.000	1.078	1.791	3.971
Nitrate	S	8	8		0	0.000	< 0.400	< 0.774	1.938
Nitrite	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	S	76	77		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.109	0.260
Phorate	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.393	0.543
Sodium	S	8	8		0	0.000	12.707	14.849	16.195

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	49.986	59.720	77.043
Taste	Diln No	S	76	76	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	< 0.235	< 0.418
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	228	229	0	0.000	0.060	0.350	1.060
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	1.750	2.600	3.430
Total Trihalomethanes	ug/l	S	8	8	0	0.000	41.300	59.188	71.400
Total coliforms	No./100 ml	S	228	229	2	0.873	0.000	0.096	15.000
Triclopyr	ug/l	AS	8	8	0	0.000	0.009	0.014	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	76	76	0	0.000	0.090	0.261	0.700

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 91637

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 13-OCT-2015 (ZN0101AE) Iron = 250 ug Fe/.
 Sample failed 17-AUG-2015 (W1701POUT) MCPA = 0.1700 ug/.
 Sample failed 10-MAR-2015 (ZN0101AE) Total coliforms = 7 No./100.
 Sample failed 13-OCT-2015 (ZN0101AE) Total coliforms = 15 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	0.011
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	5.900	36.276	376.800
Ammonium	mg NH4/l	S	36	36	0	0.000	0.007	0.012	0.022
Antimony	ug/l Sb	S	8	8	0	0.000	0.005	0.036	0.069
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.313	0.401
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.001	0.008	0.022
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.675	3.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.012	0.021
Chloride	mg Cl/l	S	8	8	0	0.000	11.730	18.732	24.345
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.087	0.213	0.549
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.018	0.030
Clostridium perfringens (sulph red)	No./100 ml	AS	36	37	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.620	1.532	3.670
Conductivity	uS/cm 20 C	AS	36	50	0	0.000	160.000	190.260	231.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.021	0.125
Cyanide	ug/l	AS	8	8	0	0.000	0.330	2.941	4.400
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.015	0.025	0.059
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.050	0.365	1.270
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	6.820	7.278	7.900
Iron	ug Fe/l	S	36	36	3	8.333	< 2.000	< 69.760	387.100
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	0.076	0.302	1.082
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.011
Manganese	ug Mn/l	S	36	36	0	0.000	0.252	3.353	19.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.027	0.086
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.702	1.888	3.353
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 0.537	0.769
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.051	0.059
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.165	0.322	0.594

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
Sodium	mg Na/l	S	8	8	0	0.000	9.974	11.641	13.941
Sulphate	mg SO4/l	S	8	8	0	0.000	37.192	51.759	69.413
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	< 0.306	0.620
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	0.080	0.482	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	AS	8	8	0	0.000	1.230	2.048	2.670
Total Trihalomethanes	ug/l	S	8	8	0	0.000	33.600	56.471	94.400
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	< 0.005	0.010
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.300	1.070

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31496

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 12-AUG-2015 (ZN0202AE) Aluminium = 377 ug Al/.
 Sample failed 23-JUL-2015 (ZN0202AE) Iron = 204 ug Fe/.
 Sample failed 03-DEC-2015 (ZN0202AE) Iron = 271 ug Fe/.
 Sample failed 16-DEC-2015 (ZN0202AE) Iron = 387 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 - ZN0204 - Rathlin Island
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	3.212	6.099	9.637
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	0.007	0.048	0.168
Arsenic	ug/l As	S	4	4	0	0.000	0.289	0.413	0.638
Bentazone	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	0.027	0.036	0.046
Bromate	ug/l	S	4	4	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	4	4	0	0.000	67.230	67.946	68.467
Chlorotoluron	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	4	4	0	0.000	0.102	0.264	0.429
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.006	< 0.007	0.011
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	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	0.950	1.273	1.650
Conductivity	uS/cm 20 C	AS	4	30	0	0.000	435.000	471.400	482.000
Copper	mg Cu/l	S	4	4	0	0.000	0.001	0.001	0.002
Cyanide	ug/l	AS	4	4	0	0.000	< 0.300	< 1.728	5.200
Dicamba	ug/l	AS	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	4	4	0	0.000	< 0.003	< 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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	4	4	0	0.000	0.024	0.032	0.039
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	0.080	0.286	0.520
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	13	0	0.000	8.700	8.788	8.860
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 2.000	< 2.000
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	0.064	0.134	0.298
Linuron	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Manganese	ug Mn/l	S	4	4	0	0.000	0.207	0.479	0.647
Mecoprop	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Mercury	ug/l Hg	S	4	4	0	0.000	0.007	0.029	0.071
Metalaxyl	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	4	4	0	0.000	0.149	0.605	1.807
Nitrate	mg NO3/l	S	4	4	0	0.000	< 0.400	< 0.740	1.760
Nitrite	mg NO2/l	S	4	4	0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	4	4	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
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	0.763	1.221	1.773

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	4	4		0	0.000	98.777	101.223	104.320
Sulphate	S	4	4		0	0.000	12.411	13.103	13.764
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	4	4		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	12		0	0.000	0.150	0.389	0.670
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	4	4		0	0.000	1.150	1.610	2.160
Total Trihalomethanes	S	4	4		0	0.000	53.630	67.933	88.000
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	4	4		0	0.000	< 0.004	< 0.004	< 0.004
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	4	4		0	0.000	0.060	0.120	0.240

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 283

This zone has a surface water source :R1706

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 - ZN0302 - Dungonnell Glarryford
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.008	0.012
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	6.098	25.519	60.700
Ammonium	mg NH4/l	S	24	25	0	0.000	0.007	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.047	0.130
Arsenic	ug/l As	S	8	8	0	0.000	0.256	< 0.295	< 0.300
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	0.020	0.022
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.017
Bromate	ug/l	S	8	8	0	0.000	0.600	1.531	2.300
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.007	< 0.007	< 0.007
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	7.336	14.503	18.329
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.148	0.198
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.006	< 0.011	0.034
Clostridium perfringens (sulph red)	No./100 ml	AS	348	354	1	0.282	0.000	0.003	1.000
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	0.670	1.134	1.710
Conductivity	uS/cm 20 C	AS	36	46	0	0.000	114.000	141.043	179.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.010	0.040
Cyanide	ug/l	AS	32	32	0	0.000	< 0.500	< 1.034	3.100
Dicamba	ug/l	AS	32	32	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.003
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.034	0.126
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.009	0.016
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	< 0.050	< 0.524	1.320
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	24	24	2	8.333	7.060	7.665	10.300
Iron	ug Fe/l	S	24	24	2	8.333	4.213	63.101	394.000
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	0.070	0.099	0.118
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.004	< 0.023	0.037
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.218	3.500
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.010	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.025	0.092
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 1.055	2.770
Nitrate	mg NO3/l	S	8	9	0	0.000	< 0.400	< 0.400	< 0.400
Nitrite	mg NO2/l	S	8	9	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	2	8.333	0.000	0.208	3.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.074	0.114
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
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	0.156	0.275	0.507

WATER SUPPLY ZONE - ZN0302 - Dungonnell Garryford
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	5.588	9.186	11.008
Sulphate	mg SO4/l	S	8	8	0	0.000	22.397	33.732	48.925
Taste	Diln No	S	24	24	1	4.167	0.000	0.167	4.000
Tebuconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.260	< 0.448
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	0.060	0.591	1.400
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	0.809	1.677	2.620
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.000	57.915	99.700
Total coliforms	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.004	< 0.011	0.017
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.060	0.197	0.960

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 26301

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 02-FEB-2015 (ZN0302AE) Hydrogen Ion = 9.85 pH va.
 Sample failed 02-DEC-2015 (ZN0302AE) Hydrogen Ion = 10.30 pH v.
 Sample failed 02-FEB-2015 (ZN0302AE) Iron = 394 ug Fe/.
 Sample failed 16-FEB-2015 (ZN0302AE) Iron = 279 ug Fe/.
 Sample failed 05-OCT-2015 (ZN0302AE) Odour = 3 Diln No.
 Sample failed 16-DEC-2015 (ZN0302AE) Odour = 2 Diln No.
 Sample failed 05-OCT-2015 (ZN0302AE) Taste = 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 - ZN0303 - Dunore Point Ballymena

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.009	0.012
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	7.140	16.459	44.510
Ammonium	mg NH4/l	S	36	36	0	0.000	0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.017	0.120	0.181
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.372	0.486
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	0.020	0.025
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.002	0.011	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.019	0.080
Chloride	mg Cl/l	S	8	8	0	0.000	22.969	25.695	27.448
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.231	0.347	0.465
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.010	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	312	318	1	0.314	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.139	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.521	1.960
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.022
Cyanide	ug/l	AS	24	24	0	0.000	< 0.500	< 0.704	< 1.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.029	0.044
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.383	0.860
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	39	0	0.000	7.180	7.639	7.930
Iron	ug Fe/l	S	36	36	0	0.000	1.604	14.394	66.090
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	< 0.128	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	0.013	0.028	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	0.079	0.438	1.316
Mecoprop	ug/l	AS	24	24	0	0.000	0.007	0.013	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.022	0.106
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.252	1.395	1.530
Nitrate	mg NO3/l	S	8	8	0	0.000	0.393	1.141	3.641
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.082	0.114
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.163	0.389	0.581
Sodium	mg Na/l	S	8	8	0	0.000	16.824	19.017	21.098

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples conraven	% of samples conraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	62.631	73.677	86.582
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.248	< 0.418
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	0.080	0.578	1.070
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	2.320	2.779	3.530
Total Trihalomethanes	ug/l	S	8	8	0	0.000	42.300	55.625	73.400
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	0.006	0.013	0.017
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.203	0.500

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42590

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 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 - ZN0305 - Dungonnell Ahoghill
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.008	0.012
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	11.000	16.598	23.730
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4	0	0.000	0.103	0.152	0.278
Arsenic	ug/l As	S	4	4	0	0.000	0.262	0.302	0.358
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.008
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	0.002	0.009	0.015
Bromate	ug/l	S	4	4	0	0.000	< 0.300	< 0.403	0.710
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	4	4	0	0.000	0.006	0.010	0.015
Chloride	mg Cl/l	S	4	5	0	0.000	19.700	21.817	23.178
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	4	4	0	0.000	0.245	0.307	0.350
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.006	< 0.011	0.034
Clostridium perfringens (sulph red)	No./100 ml	AS	348	354	1	0.282	0.000	0.003	1.000
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	1.110	1.518	1.820
Conductivity	uS/cm 20 C	AS	36	46	0	0.000	114.000	141.043	179.000
Copper	mg Cu/l	S	4	4	0	0.000	0.002	0.008	0.019
Cyanide	ug/l	AS	32	32	0	0.000	< 0.500	< 1.034	3.100
Dicamba	ug/l	AS	32	32	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	32	32	0	0.000	< 0.002	< 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	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	4	5	0	0.000	< 0.020	< 0.044	< 0.100
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.009	0.016
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.050	0.127	0.340
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	4	4	0	0.000	7.620	7.728	7.870
Iron	ug Fe/l	S	4	4	0	0.000	24.600	72.060	161.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	10	0	0.000	0.058	0.125	0.214
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.004	< 0.023	0.037
Manganese	ug Mn/l	S	4	4	0	0.000	0.960	1.868	2.740
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.010	0.018
Mercury	ug/l Hg	S	4	4	0	0.000	0.007	0.011	0.018
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	4	4	0	0.000	1.137	1.415	1.687
Nitrate	mg NO3/l	S	4	5	0	0.000	0.364	1.518	2.880
Nitrite	mg NO2/l	S	4	5	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.074	0.114
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	4	4	0	0.000	< 0.200	< 0.317	0.510

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	4	5		0	0.000	16.803	17.292	18.220
Sulphate	S	4	5		0	0.000	61.000	68.608	75.995
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	4	4		0	0.000	< 0.200	< 0.259	< 0.358
Tetrachloromethane	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	12		0	0.000	0.140	0.222	0.520
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.809	1.677	2.620
Total Trihalomethanes	S	4	4		0	0.000	51.190	63.348	73.900
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.011	0.017
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	4	4		0	0.000	0.140	0.350	0.590

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4211

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 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 - ZN0401 - Dunore Point Antrim
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.008	0.012
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	2.600	18.658	138.800
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.012	0.015
Antimony	ug/l Sb	S	8	8	0	0.000	0.018	0.132	0.243
Arsenic	ug/l As	S	8	8	0	0.000	0.287	0.365	0.482
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.003	0.012	0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.020
Chloride	mg Cl/l	S	8	8	0	0.000	22.830	25.492	27.584
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.226	0.362	0.610
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.006	< 0.009	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	364	370	1	0.270	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.635	31.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.038	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	1.100	1.707	3.560
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	167.000	221.250	291.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.010	0.027
Cyanide	ug/l	AS	32	32	0	0.000	< 0.500	< 1.494	5.200
Dicamba	ug/l	AS	32	32	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.007
E. coli	No./100 ml	S	156	156	1	0.641	0.000	0.006	1.000
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.032	0.049
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.009	0.016
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	< 0.050	< 0.434	0.980
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	52	52	0	0.000	7.220	7.624	8.000
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 23.653	181.400
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	0.053	< 0.080	< 0.100
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.004	< 0.026	0.044
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.227	13.270
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.011	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.025	0.092
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.277	1.383	1.478
Nitrate	mg NO3/l	S	8	8	0	0.000	0.371	1.483	3.301
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.075	0.114
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
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	0.198	0.433	0.649

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	17.094	18.989	20.324
Sulphate	S	8	8		0	0.000	53.504	74.157	85.684
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.291	< 0.428
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.101	0.110
Total - Residual disinfectant	S	156	156		0	0.000	0.100	0.625	1.110
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.420	2.143	2.850
Total Trihalomethanes	S	8	8		0	0.000	44.000	57.113	68.700
Total coliforms	S	156	156		1	0.641	0.000	0.006	1.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.012	0.017
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.090	0.220	0.600

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 60824

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 15-SEP-2015 (ZN0401AE) E. coli = 1 No./100.

Sample failed 15-SEP-2015 (ZN0401AE) 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 - ZN0402 - Killylane Ballynure
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	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	1	1.923	9.500	34.773	323.200
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.069	0.126
Arsenic	ug/l As	S	8	8	0	0.000	0.256	< 0.291	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	0.020	0.023
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	< 0.007	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.095	1.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.029
Chloride	mg Cl/l	S	8	8	0	0.000	16.293	19.502	27.379
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.170	0.213	0.258
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	0.018
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.615	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	4.481	119.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.750	1.504	2.430
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	167.000	221.250	291.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.008	0.040
Cyanide	ug/l	AS	8	8	0	0.000	3.100	3.863	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	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.022	0.030
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.006
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	< 0.050	< 0.525	1.520
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	6.940	7.531	8.060
Iron	ug Fe/l	S	52	52	5	9.615	6.657	78.430	367.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.077	0.123	0.305
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.018	0.044
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.273	6.775
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.010
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.020	0.085
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 1.127	1.800
Nitrate	mg NO3/l	S	8	8	0	0.000	0.399	0.709	1.703
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.055	0.084
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.160	0.232	0.470

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	11.206	13.089	18.479
Sulphate	mg SO4/l	S	8	8	0	0.000	34.424	47.451	62.411
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	< 0.236	< 0.408
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.080	0.641	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	AS	8	8	0	0.000	1.420	2.143	2.850
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.500	55.750	86.800
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	< 0.008	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.090	0.304	0.970

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51120

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 03-FEB-2015 (ZN0402AE) Aluminium = 323 ug Al/.
 Sample failed 28-JAN-2015 (ZN0402AE) Iron = 330 ug Fe/.
 Sample failed 03-FEB-2015 (ZN0402AE) Iron = 237 ug Fe/.
 Sample failed 30-JUN-2015 (ZN0402AE) Iron = 368 ug Fe/.
 Sample failed 28-JUL-2015 (ZN0402AE) Iron = 242 ug Fe/.
 Sample failed 15-DEC-2015 (ZN0402AE) Iron = 228 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.010	0.018
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	18.190	31.123	64.160
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.012	0.014
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.118	0.227
Arsenic	ug/l As	S	8	8	0	0.000	0.272	0.369	0.469
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.016	0.020	0.023
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.001	0.011	0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.018
Chloride	mg Cl/l	S	8	9	0	0.000	22.751	23.799	24.588
Chlorotoluron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.202	0.393	0.627
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.006	< 0.011	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	36	36	0	0.000	0.000	1.583	22.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.250	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.860	1.882	3.000
Conductivity	uS/cm 20 C	AS	52	53	0	0.000	117.000	134.132	143.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.018	0.088
Cyanide	ug/l	AS	16	16	0	0.000	< 0.500	< 1.475	2.900
Dicamba	ug/l	AS	16	16	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	9	0	0.000	0.017	0.028	0.035
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.005	< 0.009	0.020
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.436	0.910
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.620	7.850	8.040
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 15.788	73.770
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	< 0.100	< 0.101	0.110
Linuron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.031	0.089
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.558	18.020
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.003	< 0.011	0.032
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.012	0.021
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.107	1.799	3.726
Nitrate	mg NO3/l	S	8	9	0	0.000	< 0.400	< 1.476	3.900
Nitrite	mg NO2/l	S	8	9	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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.087	0.204
Phorate	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
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	0.002
Propyzamide	ug/l	AS	16	16	0	0.000	< 0.010	< 0.010	< 0.010
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	0.161	0.400	0.604

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	8	8		0	0.000	14.772	15.804	16.761
Sulphate	S	8	9		0	0.000	56.148	67.060	73.403
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.246	< 0.418
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.160	0.548	1.080
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	9		0	0.000	0.804	1.827	3.400
Total Trihalomethanes	S	8	8		0	0.000	47.200	61.150	84.000
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.013	0.029
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.070	0.200	0.740

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42232

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	0.013
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	5.300	19.397	108.700
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.086	0.105	0.155
Arsenic	ug/l As	S	8	8	0	0.000	0.253	0.327	0.559
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	9.227	13.193	23.070
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.102	0.173	0.453
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.011	0.020
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	0.833	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.958	44.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.670	1.442	3.040
Conductivity	uS/cm 20 C	AS	52	53	0	0.000	117.000	134.132	143.000
Copper	mg Cu/l	S	8	8	0	0.000	0.008	0.027	0.106
Cyanide	ug/l	AS	8	8	0	0.000	1.300	2.213	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	< 0.003	< 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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.026
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.563	1.010
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	6.800	7.192	7.810
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 33.170	139.800
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	0.061	0.121	0.236
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.013	0.030
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.916	6.250
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.036
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.755	2.145	7.131
Nitrate	mg NO3/l	S	8	8	0	0.000	0.367	1.064	3.458
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	0.051
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.169	0.374	1.170

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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
Sodium	mg Na/l	S	8	8	0	0.000	4.955	7.376	15.026
Sulphate	mg SO4/l	S	8	8	0	0.000	30.732	37.054	73.164
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	< 0.258	< 0.398
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	0.110	0.616	1.110
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	9	0	0.000	0.804	1.827	3.400
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.480	52.506	68.300
Total coliforms	No./100 ml	S	60	60	1	1.667	0.000	0.067	4.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.050	0.175	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23927

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 20-JAN-2015 (ZN0502AE) Total coliforms = 4 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.010	0.018
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	8.236	23.835	105.000
Ammonium	mg NH4/l	S	24	24	0	0.000	0.008	0.012	0.014
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.106	0.151
Arsenic	ug/l As	S	8	8	0	0.000	0.273	0.320	0.388
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	0.006
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	< 0.009	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.010	0.020
Chloride	mg Cl/l	S	8	8	0	0.000	14.563	20.775	23.810
Chlorotoluron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.151	0.267	0.411
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.006	< 0.011	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	1.000	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.125	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.920	1.572	2.430
Conductivity	uS/cm 20 C	AS	52	53	0	0.000	117.000	134.132	143.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.021	0.093
Cyanide	ug/l	AS	16	16	0	0.000	< 0.500	< 1.475	2.900
Dicamba	ug/l	AS	16	16	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.007
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.023	0.039
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.005	< 0.009	0.020
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.060	0.337	0.770
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	6.950	7.708	8.010
Iron	ug Fe/l	S	24	24	1	4.167	1.790	36.133	249.700
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	0.057	0.223	0.982
Linuron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.031	0.089
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.577	15.310
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.003	< 0.011	0.032
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.024	0.095
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.159	1.508	2.200
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.467	3.451
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.087	0.204
Phorate	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
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	0.002
Propyzamide	ug/l	AS	16	16	0	0.000	< 0.010	< 0.010	< 0.010
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	0.181	0.336	0.533

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	9.104	12.990	15.783
Sulphate	S	8	8		0	0.000	42.828	54.739	80.015
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.237	< 0.368
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	48		0	0.000	0.150	0.421	0.780
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	9		0	0.000	0.804	1.827	3.400
Total Trihalomethanes	S	8	8		0	0.000	46.480	60.098	72.900
Total coliforms	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.013	0.029
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.080	0.250	2.160

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19264

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 25-MAR-2015 (ZN0504AE) Iron = 250 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.011	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	5.730	30.281	144.000
Ammonium	mg NH4/l	S	24	25	0	0.000	0.005	0.018	0.123
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.043	0.090
Arsenic	ug/l As	S	8	8	0	0.000	0.274	0.310	0.348
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.016	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.984	5.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
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	21.000	24.310	30.138
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.119	0.242	0.383
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.010	0.020
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.250	6.000
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	0.780	1.445	2.750
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.020
Cyanide	ug/l	AS	8	8	0	0.000	< 0.500	< 0.763	< 1.000
Dicamba	ug/l	AS	8	8	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	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	< 0.004	0.007
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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.018	< 0.032	< 0.100
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	0.014
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.150	0.400	0.820
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	27	0	0.000	7.300	7.960	8.750
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 51.757	940.000
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	0.050	0.107	0.294
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	1	12.500	0.014	0.053	0.170
Manganese	ug Mn/l	S	24	24	1	4.167	< 0.100	< 9.644	180.000
Mecoprop	ug/l	AS	8	8	0	0.000	0.011	0.015	0.021
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.013	0.021
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.495	2.205	7.845
Nitrate	mg NO3/l	S	8	8	0	0.000	0.386	1.450	4.730
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	0.013
Odour	Diln No	S	24	25	2	8.000	0.000	0.240	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.109	0.260
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.408	0.804
Sodium	mg Na/l	S	8	8	0	0.000	10.914	14.048	17.089

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sulphate	mg SO4/l	S	8	8	0	0.000	6.469	47.890	76.278
Taste	Diln No	S	24	24	1	4.167	0.000	0.167	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	< 0.261	0.360
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	0.210	0.484	0.980
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	0.802	2.110	3.680
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.400	59.425	91.200
Total coliforms	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	0.009	0.014	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	1	4.167	0.060	0.387	5.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 20064

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 21-JAN-2015 (ZN0601AE) Iron = 940 ug Fe/.
 Sample failed 17-AUG-2015 (W1701POUT) MCPA = 0.1700 ug/.
 Sample failed 21-JAN-2015 (ZN0601AE) Manganese = 180.0 ug M.
 Sample failed 18-MAY-2015 (ZN0601AE) Odour = 4 Diln No.
 Sample failed 17-AUG-2015 (ZN0601AE) Odour = 2 Diln No.
 Sample failed 18-MAY-2015 (ZN0601AE) Taste = 4 Diln No.
 Sample failed 21-JAN-2015 (ZN0601AE) Turbidity = 5.0 NTU.

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	0.061	< 0.091	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
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	3.844	21.216	121.200
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	0.012	0.018
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.045	0.078
Arsenic	ug/l As	S	8	8	0	0.000	0.250	0.300	0.371
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.024
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.009
Bromate	ug/l	S	8	8	0	0.000	1.600	2.500	5.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	0.008
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.011	0.016
Chloride	mg Cl/l	S	8	8	0	0.000	18.372	22.859	31.368
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.142	0.217	0.331
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.010	0.023
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.660	1.366	2.140
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	183.000	247.481	341.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.006
Cyanide	ug/l	AS	8	8	0	0.000	0.850	2.285	3.400
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	132	133	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.024	0.036
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.015
Free - Residual disinfectant	mg Cl/l	S	132	133	0	0.000	0.050	0.412	0.770
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.009
Hydrogen Ion	pH value	S	52	55	0	0.000	7.410	7.821	8.880
Iron	ug Fe/l	S	52	52	0	0.000	1.622	11.393	87.570
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	0.125	0.298
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.012	0.032	0.058
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.384	7.140
Mecoprop	ug/l	AS	8	8	0	0.000	0.006	0.010	0.017
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.027	0.116
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.585	1.850	5.510
Nitrate	mg NO3/l	S	8	8	0	0.000	0.456	3.349	4.712
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	4	7.692	0.000	0.250	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.077	0.136
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.150	0.421	0.714

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	11.912	13.647	15.837
Sulphate	mg SO4/l	S	8	8	0	0.000	27.665	52.744	70.540
Taste	Diln No	S	52	52	2	3.846	0.000	0.115	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	< 0.275	< 0.418
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	132	133	0	0.000	0.100	0.493	0.820
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	0.806	1.731	2.280
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.500	54.175	71.400
Total coliforms	No./100 ml	S	132	133	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.010	0.014
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.060	0.145	0.450

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50403

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 28-JUL-2015 (ZN0603AE) Odour = 4 Diln No.
 Sample failed 04-AUG-2015 (ZN0603AE) Odour = 4 Diln No.
 Sample failed 15-SEP-2015 (ZN0603AE) Odour = 2 Diln No.
 Sample failed 22-SEP-2015 (ZN0603AE) Odour = 3 Diln No.
 Sample failed 28-JUL-2015 (ZN0603AE) Taste = 2 Diln No.
 Sample failed 22-SEP-2015 (ZN0603AE) Taste = 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 - ZN0604 - Caugh Hill Dungiven
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	0.051	< 0.091	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 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	5.788	26.443	59.760
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.036	0.092
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.306	0.350
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.009
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 2.288	3.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.018
Chloride	mg Cl/l	S	8	8	0	0.000	16.892	23.526	33.551
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.099	0.193	0.318
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.014	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	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	0.800	1.500	2.290
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	180.000	224.692	309.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.010
Cyanide	ug/l	AS	8	8	0	0.000	0.590	1.899	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	< 0.003	< 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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.026
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	48	49	0	0.000	< 0.050	< 0.393	0.870
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	6.920	8.016	8.870
Iron	ug Fe/l	S	24	24	1	4.167	1.537	32.495	220.800
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	0.062	< 0.095	< 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	< 0.004	< 0.006	0.013
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.357	11.190
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.023	0.098
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.470	0.879	1.485
Nitrate	mg NO3/l	S	8	8	0	0.000	0.393	1.801	6.866
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	1	4.167	0.000	0.250	6.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.178	0.282	0.506

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	11.239	14.085	18.142
Sulphate	mg SO4/l	S	8	8	0	0.000	42.076	62.736	90.499
Taste	Diln No	S	24	24	1	4.167	0.000	0.250	6.000
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	< 0.281	0.570
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	48	49	0	0.000	0.120	0.469	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	AS	8	8	0	0.000	1.160	1.661	2.260
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.000	58.086	88.200
Total coliforms	No./100 ml	S	48	48	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	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.060	0.191	0.670

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 15409

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 20-MAY-2015 (ZN0604AE) Iron = 221 ug Fe/.

Sample failed 18-FEB-2015 (ZN0604AE) Odour = 6 Diln No.

Sample failed 18-FEB-2015 (ZN0604AE) Taste = 6 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 - ZN0607 - Corrody Derry
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	0.052	< 0.085	< 0.100
2,4-D	ug/l	AS	16	16	0	0.000	< 0.004	< 0.007	0.015
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	4.909	23.596	68.060
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.052	0.116
Arsenic	ug/l As	S	8	8	0	0.000	0.250	0.300	0.361
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	0.022
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	< 0.007	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 2.413	5.500
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.016
Chloride	mg Cl/l	S	8	8	0	0.000	17.929	23.294	32.711
Chlorotoluron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.171	0.274	0.529
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.006	< 0.012	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	0	0.000	0.000	0.000	0.000
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	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.690	1.392	2.060
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	180.000	224.692	309.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.001	0.002
Cyanide	ug/l	AS	16	16	0	0.000	< 0.500	< 1.331	3.000
Dicamba	ug/l	AS	16	16	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	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	< 0.004	0.007
E. coli	No./100 ml	S	144	145	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.023	0.044
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	0.014
Free - Residual disinfectant	mg Cl/l	S	144	145	0	0.000	0.110	0.351	0.900
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52	0	0.000	7.110	7.777	8.750
Iron	ug Fe/l	S	52	52	0	0.000	1.711	10.998	58.000
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.088	0.176	0.660
Linuron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	16	16	1	6.250	< 0.004	< 0.029	0.170
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.778	9.535
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.003	< 0.009	0.021
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.021	0.084
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.616	0.946	1.636
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 2.856	6.527
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	1	1.923	0.000	0.058	3.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.079	0.260
Phorate	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.002
Propyzamide	ug/l	AS	16	16	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006

WATER SUPPLY ZONE - ZN0607 - Corrody Derry

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Selenium	ug/l Se	S	8	8	0	0.000	0.176	0.412	0.591
Sodium	mg Na/l	S	8	8	0	0.000	11.474	13.700	18.443
Sulphate	mg SO4/l	S	8	8	0	0.000	33.080	53.929	78.722
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.373	0.730
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	145	0	0.000	0.160	0.430	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	AS	8	8	0	0.000	1.160	1.661	2.260
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.400	58.600	88.600
Total coliforms	No./100 ml	S	144	145	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	16	16	0	0.000	< 0.004	< 0.009	0.020
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.060	0.164	0.650

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 56503

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 17-AUG-2015 (W1701POUT) MCPA = 0.1700 ug/.

Sample failed 05-AUG-2015 (ZN0607AE) 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 - ZN0701 - Derg Strabane

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	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	< 1.000	< 21.523	95.790
Ammonium	mg NH4/l	S	36	37	0	0.000	0.006	0.014	0.082
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.037	0.048
Arsenic	ug/l As	S	8	8	0	0.000	0.257	0.306	0.374
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.019	0.020	0.023
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.013
Bromate	ug/l	S	8	8	0	0.000	1.300	2.175	4.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.022
Chloride	mg Cl/l	S	8	8	0	0.000	18.899	25.808	32.844
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.165	0.240	0.318
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.020	0.051
Clostridium perfringens (sulph red)	No./100 ml	AS	52	54	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	0.000	0.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.870	1.649	4.480
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	162.000	207.269	271.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.021	0.082
Cyanide	ug/l	AS	8	8	0	0.000	2.200	3.988	6.600
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 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	97	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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.025	0.052
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.012
Free - Residual disinfectant	mg Cl/l	S	96	97	0	0.000	< 0.050	< 0.416	0.840
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	0.009
Hydrogen Ion	pH value	S	36	36	0	0.000	6.590	7.565	8.380
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 15.114	42.450
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.050	0.181	0.815
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	2	22.222	0.007	0.064	0.260
Manganese	ug Mn/l	S	36	36	0	0.000	0.055	0.959	9.363
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.010	0.015
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.033	0.111
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.210	0.637	1.473
Nitrate	mg NO3/l	S	8	9	0	0.000	1.695	3.007	4.727
Nitrite	mg NO2/l	S	8	9	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln 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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.128	0.371
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.184	0.289	0.427

WATER SUPPLY ZONE - ZN0701 - Derg Strabane

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	mg Na/l	S	8	8	0	0.000	10.888	14.879	17.697
Sulphate	mg SO4/l	S	8	8	0	0.000	26.156	39.569	61.877
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	< 0.247	< 0.438
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	97	0	0.000	0.140	0.512	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	AS	8	8	0	0.000	1.140	2.136	3.520
Total Trihalomethanes	ug/l	S	8	8	0	0.000	25.700	60.475	98.000
Total coliforms	No./100 ml	S	96	97	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.012	0.025
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.060	0.151	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38423

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 02-JUN-2015 (W4501OUT) MCPA = 0.2100 ug/.

Sample failed 28-JUL-2015 (W4501OUT) MCPA = 0.2600 ug/.

Sample failed 07-MAY-2015 (ZN0701AE) Odour = 1 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	9	0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	2.800	22.051	72.780
Ammonium	mg NH4/l	S	24	24	0	0.000	0.007	0.012	0.030
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.040	0.079
Arsenic	ug/l As	S	8	8	0	0.000	0.266	0.372	0.574
Bentazone	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.017	0.020	0.022
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	< 0.077	0.582
Bromate	ug/l	S	8	8	0	0.000	2.000	3.088	4.400
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	18.493	21.858	33.320
Chlorotoluron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.092	0.191	0.322
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.006	< 0.019	0.051
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.292	7.000
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	< 1.000	< 2.142	3.710
Conductivity	uS/cm 20 C	AS	24	26	0	0.000	121.000	153.654	197.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.025	0.069
Cyanide	ug/l	AS	8	9	0	0.000	1.800	2.933	4.000
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.003	< 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	36	42	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.020	< 0.020	< 0.024
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	36	42	0	0.000	< 0.050	< 0.373	0.710
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.020	7.475	8.180
Iron	ug Fe/l	S	24	24	0	0.000	1.672	15.577	70.390
Isoproturon	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.079	0.946	6.558
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	< 0.020	0.080
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.535	8.440
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.021	0.075
Metalaxyl	ug/l	AS	8	9	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.119	0.501	0.805
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 0.666	1.196
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	9	0	0.000	< 0.050	< 0.064	0.119
Phorate	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.164	0.311	0.761

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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
Sodium	mg Na/l	S	8	8	0	0.000	11.342	12.713	13.821
Sulphate	mg SO4/l	S	8	8	0	0.000	16.017	29.688	44.942
Taste	Diln No	S	24	24	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	8	8	0	0.000	< 0.200	< 0.235	< 0.478
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	< 0.050	< 0.469	0.840
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.410	2.143	2.650
Total Trihalomethanes	ug/l	S	8	8	1	12.500	23.400	55.571	135.800
Total coliforms	No./100 ml	S	36	42	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	9	0	0.000	< 0.004	< 0.010	0.013
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.070	0.156	0.340

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10616

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 27-JUL-2015 (ZN0702AE) Total Trihalomethanes = 135.8 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 - ZN0704 - Lough Bradan Drumquin
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.009
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	0.607	10.450	51.280
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.013	0.039
Antimony	ug/l Sb	S	8	8	0	0.000	0.006	0.029	0.047
Arsenic	ug/l As	S	8	8	0	0.000	0.280	0.467	1.561
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.008	0.024
Bromate	ug/l	S	8	8	0	0.000	2.000	2.638	3.500
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.016	0.037
Chloride	mg Cl/l	S	8	8	0	0.000	16.786	23.592	27.169
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.096	0.303	0.882
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.011	0.025
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	1.042	25.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.125	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.070	1.809	3.430
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	234.000	326.278	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.006	0.017
Cyanide	ug/l	AS	8	8	0	0.000	1.800	2.100	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	< 0.003	< 0.003	0.006
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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.030	0.085
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.434	1.800
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.011	0.067
Hydrogen Ion	pH value	S	24	24	0	0.000	7.290	7.650	7.970
Iron	ug Fe/l	S	24	24	0	0.000	8.694	32.767	112.000
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	0.054	0.086	0.164
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.007	0.014	0.026
Manganese	ug Mn/l	S	24	24	1	4.167	0.078	57.675	1355.00
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.037	0.125
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.187	1.528	4.799
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 0.925	1.847
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.058	0.077
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.167	0.297	0.540

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	14.939	53.143	73.201
Sulphate	S	8	8		0	0.000	18.359	58.416	82.406
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	< 0.258	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.080	0.534	1.970
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.150	2.338	2.780
Total Trihalomethanes	S	8	8		0	0.000	16.100	56.621	80.870
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	0.012
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.060	0.210	0.970

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23048

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 20-APR-2015 (ZN0704AE) Manganese = 1355.0 ug.

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	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	< 1.000	< 12.940	26.710
Ammonium	mg NH4/l	S	24	24	0	0.000	0.006	0.012	0.021
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.020	0.033
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.018	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.003	0.009
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.189	1.700
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.030
Chloride	mg Cl/l	S	8	8	0	0.000	13.600	15.713	17.770
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.110	0.187	0.394
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.009	0.016
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	2.792	67.000
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	0.730	1.257	2.550
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	146.000	153.442	163.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.019	0.076
Cyanide	ug/l	AS	8	8	0	0.000	1.100	2.375	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	< 0.003	< 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	37	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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	< 0.030	< 0.100
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	36	37	0	0.000	0.070	0.496	0.950
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	7.520	7.992	8.750
Iron	ug Fe/l	S	24	24	0	0.000	2.311	17.087	58.500
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	0.066	1.049	4.700
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.005	0.011	0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.088	0.808	6.475
Mecoprop	ug/l	AS	8	8	0	0.000	0.008	0.012	0.014
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.019	0.083
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.327	0.862	2.837
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.583	2.939
Nitrite	mg NO2/l	S	8	8	0	0.000	0.008	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.051	0.055
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.164	0.260	0.430

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	8.793	9.713	10.491
Sulphate	mg SO4/l	S	8	8	0	0.000	24.471	27.955	33.300
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.244	< 0.368
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	37	0	0.000	0.130	0.584	1.020
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.050	1.446	2.060
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.000	44.461	56.590
Total coliforms	No./100 ml	S	36	37	1	2.703	0.000	0.892	33.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.070	0.175	0.610

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11078

This zone has a surface water source :R4523

PCV Exceedances:

Sample failed 21-SEP-2015 (ZN0705AE) Total coliforms = 33 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	25	0	0.000	< 0.004	< 0.004	0.011
2,4-DB	ug/l	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	5.900	18.726	44.000
Ammonium	mg NH4/l	S	24	24	0	0.000	0.009	0.013	0.033
Antimony	ug/l Sb	S	8	8	0	0.000	0.005	0.026	0.050
Arsenic	ug/l As	S	8	8	0	0.000	0.251	0.302	0.361
Bentazone	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.007
Bromate	ug/l	S	8	8	0	0.000	1.400	1.913	2.400
Bromoxynil	ug/l	AS	24	25	0	0.000	< 0.007	< 0.007	< 0.007
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	15.051	16.785	18.140
Chlorotoluron	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.131	0.221	0.371
Clopyralid	ug/l	AS	24	25	0	0.000	< 0.006	< 0.013	0.051
Clostridium perfringens (sulph red)	No./100 ml	AS	112	112	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.292	31.000
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	0.900	1.504	2.570
Conductivity	uS/cm 20 C	AS	112	114	0	0.000	121.000	208.070	396.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.021
Cyanide	ug/l	AS	24	25	0	0.000	1.100	2.488	5.800
Dicamba	ug/l	AS	24	25	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.003	< 0.003	0.006
Diuron	ug/l	AS	24	25	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	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.024	0.045
Fluroxypyr	ug/l	AS	24	25	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.050	0.331	0.890
Glyphosate	ug/l	AS	24	25	0	0.000	< 0.003	< 0.006	0.067
Hydrogen Ion	pH value	S	24	24	0	0.000	7.500	8.171	8.820
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 46.199	723.700
Isoproturon	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.080	0.117	0.191
Linuron	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	25	0	0.000	< 0.004	< 0.015	0.080
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.149	5.526
Mecoprop	ug/l	AS	24	25	0	0.000	< 0.003	< 0.007	0.014
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.069
Metalaxyl	ug/l	AS	24	25	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.176	0.543	1.320
Nitrate	mg NO3/l	S	8	8	0	0.000	0.724	1.427	2.404
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	25	0	0.000	< 0.050	< 0.058	0.119
Phorate	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	24	25	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.188	0.293	0.458

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	8	8		0	0.000	9.483	10.427	11.500
Sulphate	S	8	8		0	0.000	21.903	28.047	32.849
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.280	< 0.418
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.120	0.432	1.040
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	1.050	1.975	2.780
Total Trihalomethanes	S	8	8		0	0.000	31.600	49.050	67.300
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25		0	0.000	< 0.004	< 0.008	0.013
Tritium	AS	3	3		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.070	0.168	0.610

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22599

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 08-JUL-2015 (ZN0706AE) Iron = 724 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 - ZN0801 - Belleek Garrison

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.013
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	7.998	14.070	19.000
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4	0	0.000	< 0.010	< 0.054	0.072
Arsenic	ug/l As	S	4	4	0	0.000	0.283	< 0.296	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.008
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	0.003
Boron	mg/l B	S	4	4	0	0.000	< 0.001	< 0.007	0.016
Bromate	ug/l	S	4	5	0	0.000	2.600	3.440	4.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	4	4	0	0.000	0.008	0.010	0.011
Chloride	mg Cl/l	S	4	4	0	0.000	20.209	22.163	23.068
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	4	4	0	0.000	0.132	0.186	0.220
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	0.022
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	8.250	33.000
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	0.710	1.065	1.590
Conductivity	uS/cm 20 C	AS	12	13	0	0.000	275.000	302.077	315.000
Copper	mg Cu/l	S	4	4	0	0.000	0.001	0.006	0.017
Cyanide	ug/l	AS	8	8	0	0.000	1.500	2.538	3.300
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.007
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	12	13	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	4	4	0	0.000	0.015	< 0.019	< 0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.014
Free - Residual disinfectant	mg Cl/l	S	12	13	0	0.000	0.190	0.708	1.050
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	4	4	0	0.000	7.610	7.743	7.820
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 5.709	9.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	4	4	0	0.000	0.050	0.140	0.310
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.008	0.020	0.041
Manganese	ug Mn/l	S	4	4	0	0.000	0.060	0.116	0.200
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.008	0.014
Mercury	ug/l Hg	S	4	4	0	0.000	< 0.010	< 0.017	0.026
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	4	4	0	0.000	1.070	1.101	1.160
Nitrate	mg NO3/l	S	4	4	0	0.000	1.842	2.216	2.662
Nitrite	mg NO2/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	5	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.066	0.096
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	4	4	0	0.000	0.283	0.356	0.441

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	4	4		0	0.000	27.829	29.484	31.986
Sulphate	S	4	4		0	0.000	64.352	65.965	69.670
Taste	S	4	4		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	4	4		0	0.000	< 0.200	< 0.332	0.610
Tetrachloromethane	S	4	4		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	13		0	0.000	0.230	0.807	1.160
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.400	1.803	2.070
Total Trihalomethanes	S	4	4		0	0.000	40.060	46.065	51.800
Total coliforms	S	12	13		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.011	0.016
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	4	4		0	0.000	0.060	0.093	0.170

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4778

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.008	0.015
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	2.000	28.637	115.300
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	0.012	0.026
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.047	0.065
Arsenic	ug/l As	S	8	8	0	0.000	0.262	0.347	0.461
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.015
Bromate	ug/l	S	8	8	0	0.000	1.000	1.613	2.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.009	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	19.765	22.854	26.501
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.203	0.401	0.607
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.009	0.027
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	52	0	0.000	0.000	0.769	24.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.346	6.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.740	1.336	2.420
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	304.000	386.856	449.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.006
Cyanide	ug/l	AS	8	8	0	0.000	0.670	2.271	3.400
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	0.013
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.027	0.041	0.071
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	0.013
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	< 0.050	< 0.329	0.850
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	7.280	7.761	8.500
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 21.642	295.800
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	0.069	0.113	0.240
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	10	1	10.000	< 0.004	< 0.035	0.150
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 4.040	12.450
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.007	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.031	0.116
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.188	1.736	4.258
Nitrate	mg NO3/l	S	8	8	0	0.000	0.404	1.504	3.396
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.086	0.251
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.364	0.544

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	14.051	16.207	22.339
Sulphate	S	8	8		0	0.000	100.784	112.249	126.075
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	< 0.207	< 0.258
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	192	192		0	0.000	0.120	0.427	0.940
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.307	2.206	3.470
Total Trihalomethanes	S	8	8		0	0.000	14.100	44.788	68.300
Total coliforms	S	192	192		1	0.521	0.000	0.188	36.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.007	0.015
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.100	0.260	0.880

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 76723

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 20-OCT-2015 (ZN0802AE) Iron = 296 ug Fe/.

Sample failed 01-JUN-2015 (W4701OUT) MCPA = 0.1500 ug/.

Sample failed 16-DEC-2015 (ZN0802AE) Total coliforms = 36 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 - ZN1101 - Clay Lake Keady
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.013
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	4.100	15.482	38.990
Ammonium	mg NH4/l	S	12	12	0	0.000	0.005	0.014	0.040
Antimony	ug/l Sb	S	8	8	0	0.000	0.081	0.194	0.550
Arsenic	ug/l As	S	8	8	0	0.000	0.289	0.413	0.549
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.008	0.014	0.023
Bromate	ug/l	S	8	8	0	0.000	1.600	2.413	3.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.013	0.020
Chloride	mg Cl/l	S	8	8	0	0.000	20.563	22.606	23.875
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.150	0.264	0.386
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.015	0.039
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	0.167	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.500	5.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.640	1.882	2.650
Conductivity	uS/cm 20 C	AS	24	38	0	0.000	228.000	256.842	276.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.063	0.200
Cyanide	ug/l	AS	8	8	0	0.000	3.900	5.325	7.200
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
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	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.038	0.171
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	0.012
Free - Residual disinfectant	mg Cl/l	S	24	25	0	0.000	0.200	0.665	1.200
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	12	12	0	0.000	7.140	7.448	7.830
Iron	ug Fe/l	S	12	12	0	0.000	2.024	10.997	23.650
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	1.626	4.993
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.019	0.026	0.053
Manganese	ug Mn/l	S	12	12	0	0.000	0.370	1.802	7.268
Mecoprop	ug/l	AS	8	8	0	0.000	0.005	0.015	0.027
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.041	0.168
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.419	2.460	3.989
Nitrate	mg NO3/l	S	8	8	0	0.000	0.371	1.872	4.158
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.063	0.083	0.109
Phorate	ug/l	AS	8	7	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.363	0.592

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	12.476	16.249	36.161
Sulphate	S	8	8		0	0.000	42.931	48.716	59.182
Taste	S	12	12		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	< 0.221	< 0.298
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	24	25		0	0.000	0.410	0.834	1.360
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.940	3.206	3.780
Total Trihalomethanes	S	8	8		0	0.000	36.500	53.866	79.500
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	0.009	0.013	0.018
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	12	12		0	0.000	0.070	0.173	0.440

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9206

This zone has a surface water source :R2509

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 - ZN1102 - Seagahan Armagh
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	9	0	0.000	< 0.004	< 0.009	0.019
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.000	< 10.849	53.700
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.100	0.159
Arsenic	ug/l As	S	8	8	0	0.000	0.271	0.335	0.453
Bentazone	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.016	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.031
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.027
Chloride	mg Cl/l	S	8	8	0	0.000	20.214	23.230	25.229
Chlorotoluron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.125	0.294	0.448
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.006	< 0.018	0.029
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.528	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.306	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.640	1.732	2.650
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	281.000	344.692	411.000
Copper	mg Cu/l	S	8	8	0	0.000	0.004	0.020	0.052
Cyanide	ug/l	AS	8	9	0	0.000	0.670	3.841	7.000
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.003	< 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	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	9	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.021	0.027
Fluroxypyr	ug/l	AS	8	9	0	0.000	0.010	0.015	0.020
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	< 0.050	< 0.519	1.270
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.060	7.468	7.950
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 34.312	461.000
Isoproturon	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.062	1.819	11.900
Linuron	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	0.021	0.034	0.067
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.488	10.680
Mecoprop	ug/l	AS	8	9	0	0.000	0.007	0.015	0.022
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.013	0.033
Metalaxyl	ug/l	AS	8	9	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	2.100	3.583	8.660
Nitrate	mg NO3/l	S	8	8	0	0.000	0.391	2.090	4.660
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	9	0	0.000	0.072	0.109	0.172
Phorate	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
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	0.004
Propyzamide	ug/l	AS	8	9	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.156	0.321	0.566

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	24.323	35.670	42.946
Sulphate	mg SO4/l	S	8	8	0	0.000	57.120	70.754	86.582
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.310	< 0.498
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.087	0.100	0.110
Total - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.200	0.691	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	AS	8	8	0	0.000	2.410	2.773	3.380
Total Trihalomethanes	ug/l	S	8	8	0	0.000	40.200	58.438	78.400
Total coliforms	No./100 ml	S	84	84	1	1.190	0.000	0.048	4.000
Triclopyr	ug/l	AS	8	9	0	0.000	0.014	0.019	0.028
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.060	0.263	2.050

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35014

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 20-JAN-2015 (ZN1102AE) Iron = 461 ug Fe/.

Sample failed 05-MAR-2015 (ZN1102AE) Lead = 11.9 ug Pb.

Sample failed 14-DEC-2015 (ZN1102AE) Total coliforms = 4 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A	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	< 0.004	< 0.009	0.012
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	1.910	15.071	28.040
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.010	< 0.012	0.015
Antimony	ug/l Sb	S	8	8	0	0.000	0.014	0.103	0.158
Arsenic	ug/l As	S	8	8	0	0.000	0.277	0.381	0.572
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	0.020	0.021
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	0.012	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.448	1.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.011	0.023
Chloride	mg Cl/l	S	8	8	0	0.000	22.533	26.067	27.732
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.197	0.346	0.501
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.010	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	312	318	1	0.314	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.111	20.000
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	0.600	1.504	3.650
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.008	0.021
Cyanide	ug/l	AS	24	24	0	0.000	< 0.500	< 0.704	< 1.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.028	0.048
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.296	0.850
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	36	0	0.000	7.260	7.622	7.920
Iron	ug Fe/l	S	36	36	0	0.000	1.597	30.527	126.900
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	< 0.100	< 1.046	6.730
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.013	0.028	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.592	10.410
Mecoprop	ug/l	AS	24	24	0	0.000	0.007	0.013	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.010	0.025	0.078
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.149	1.518	2.140
Nitrate	mg NO3/l	S	8	9	0	0.000	0.351	1.720	3.980
Nitrite	mg NO2/l	S	8	9	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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.082	0.114
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.175	0.414	0.632
Sodium	mg Na/l	S	8	8	0	0.000	17.139	18.968	20.159

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	63.655	73.647	84.620
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.241	< 0.438
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.076	< 0.097	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.160	0.427	1.080
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	2.170	2.739	3.140
Total Trihalomethanes	ug/l	S	8	8	0	0.000	51.400	66.763	82.500
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	0.006	0.013	0.017
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.090	0.226	0.980

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44247

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A	No. of samples planned	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	< 0.004	< 0.009	0.012
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	< 1.000	< 20.259	125.400
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.017	0.118	0.177
Arsenic	ug/l As	S	8	8	0	0.000	0.311	0.382	0.495
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	0.020	0.023
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.006	0.013	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.024
Chloride	mg Cl/l	S	8	8	0	0.000	22.669	26.364	28.761
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.250	0.559	1.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.010	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	312	318	1	0.314	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	4.111	128.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.222	39.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.540	2.010
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.021	0.097
Cyanide	ug/l	AS	24	24	0	0.000	< 0.500	< 0.704	< 1.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.018	0.026	0.034
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.222	0.540
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	39	0	0.000	7.200	7.629	7.870
Iron	ug Fe/l	S	36	36	1	2.778	1.637	42.820	265.500
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	2	25.000	0.080	15.094	104.600
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.013	0.028	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	< 1.100	< 1.606	8.600
Mecoprop	ug/l	AS	24	24	0	0.000	0.007	0.013	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.023	0.105
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.163	1.565	2.040
Nitrate	mg NO3/l	S	8	8	0	0.000	0.359	1.537	3.681
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.082	0.114
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.195	0.474	0.673
Sodium	mg Na/l	S	8	8	0	0.000	17.136	18.987	20.785

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	63.467	73.933	84.897
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.269	< 0.438
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.101	0.110
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.080	0.344	0.700
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	2.684	3.360
Total Trihalomethanes	ug/l	S	8	8	0	0.000	57.300	68.488	87.500
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	0.006	0.013	0.017
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.100	0.253	0.690

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42519

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 26-FEB-2015 (ZS0102AE) Iron = 266 ug Fe/.

Sample failed 02-JUN-2015 (ZS0102AE) Lead = 13.0 ug Pb.

Sample failed 01-SEP-2015 (ZS0102AE) Lead = 104.6 ug P.

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	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	48	48	0	0.000	< 0.004	< 0.006	0.012
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	34.000	78.643	146.200
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.010	< 0.012	0.022
Antimony	ug/l Sb	S	8	8	0	0.000	0.005	0.044	0.065
Arsenic	ug/l As	S	8	8	0	0.000	0.252	< 0.294	< 0.300
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.003	0.006
Bromate	ug/l	S	8	8	0	0.000	0.560	1.308	2.300
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.012	0.027	0.047
Chloride	mg Cl/l	S	8	8	0	0.000	8.589	10.085	12.717
Chlorotoluron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.105	0.154	0.205
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.006	< 0.012	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	677	683	2	0.293	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.692	62.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.019	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.530	1.188	2.330
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.011	0.052
Cyanide	ug/l	AS	48	48	0	0.000	< 0.300	< 1.131	2.800
Dicamba	ug/l	AS	48	48	0	0.000	< 0.001	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	0.011
Diuron	ug/l	AS	48	48	0	0.000	< 0.002	< 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	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.082	0.100	0.140
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.050	0.250	0.560
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	52	52	0	0.000	7.060	7.565	9.060
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 38.177	923.300
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	2	25.000	0.100	5.984	20.690
Linuron	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	48	48	0	0.000	< 0.004	< 0.017	0.037
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.268	39.920
Mecoprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.008	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.023	0.075
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.157	0.505	1.260
Nitrate	mg NO3/l	S	8	8	0	0.000	1.160	1.446	1.782
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.067	0.114
Phorate	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.194	0.236	0.325

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	6.052	6.906	9.580
Sulphate	S	8	8		0	0.000	10.317	14.965	25.836
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	48	48		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.283	< 0.428
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.060	0.315	0.650
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	0.586	1.063	1.460
Total Trihalomethanes	S	8	8		0	0.000	34.700	48.006	59.400
Total coliforms	S	156	156		1	0.641	0.000	0.006	1.000
Triclopyr	AS	48	48		0	0.000	< 0.004	< 0.010	0.017
Tritium	AS	2	2		0	0.000	< 5.000	< 5.500	< 6.000
Turbidity	S	52	52		0	0.000	0.070	0.261	2.470

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58853

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 10-JUN-2015 (ZS0103AE) Iron = 923 ug Fe/.

Sample failed 04-JUN-2015 (ZS0103AE) Lead = 17.0 ug Pb.

Sample failed 22-JUL-2015 (ZS0103AE) Lead = 20.7 ug Pb.

Sample failed 21-SEP-2015 (ZS0103AE) 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 - ZS0104 - Dunore Breda North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48	0	0.000	< 0.004	< 0.006	0.012
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	11.000	46.960	141.000
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.017	0.074	0.116
Arsenic	ug/l As	S	8	8	0	0.000	0.269	0.293	0.333
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.002	0.008	0.013
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.703	1.200
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.018	0.027
Chloride	mg Cl/l	S	8	8	0	0.000	8.795	16.952	26.468
Chlorotoluron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.117	0.199	0.323
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.006	< 0.012	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	677	683	2	0.293	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.028	58.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.361	12.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.680	1.352	3.260
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.018
Cyanide	ug/l	AS	48	48	0	0.000	< 0.300	< 1.131	2.800
Dicamba	ug/l	AS	48	48	0	0.000	< 0.001	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	0.011
Diuron	ug/l	AS	48	48	0	0.000	< 0.002	< 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	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.104	0.357
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.258	0.540
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	36	0	0.000	7.200	7.583	7.870
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 26.933	94.690
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.383	4.809
Linuron	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	48	48	0	0.000	< 0.004	< 0.017	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.184	11.770
Mecoprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.008	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.027	0.077
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.231	0.889	1.845
Nitrate	mg NO3/l	S	8	8	0	0.000	0.515	1.924	4.061
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.067	0.114
Phorate	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.313	0.618

WATER SUPPLY ZONE - ZS0104 - Dunore Breda North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	Min.	Mean
Sodium	mg Na/l	S	8	8	0	0.000	6.147	12.653	20.830
Sulphate	mg SO4/l	S	8	8	0	0.000	13.181	40.564	75.068
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.243	< 0.408
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	0.080	0.345	0.660
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.300	51.875	66.500
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.004	< 0.010	0.017
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.500	< 6.000
Turbidity	NTU	S	36	36	1	2.778	0.090	0.433	8.050

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41714

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 02-DEC-2015 (ZS0104AE) Turbidity = 8.1 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0105 - Dunore Breda South
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	48	48	0	0.000	< 0.004	< 0.006	0.012
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	9.200	58.529	256.500
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.018	0.085	0.115
Arsenic	ug/l As	S	8	8	0	0.000	0.282	0.315	0.380
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.016	0.020	0.021
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	0.002	0.009	0.012
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.684	1.400
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.028	0.045
Chloride	mg Cl/l	S	8	8	0	0.000	11.910	18.478	24.412
Chlorotoluron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.203	0.261	0.398
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.006	< 0.012	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	677	683	2	0.293	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.327	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.596	24.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.680	1.361	4.800
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.011	0.044
Cyanide	ug/l	AS	48	48	0	0.000	< 0.300	< 1.131	2.800
Dicamba	ug/l	AS	48	48	0	0.000	< 0.001	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	0.011
Diuron	ug/l	AS	48	48	0	0.000	< 0.002	< 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	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.022	0.065	0.115
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.050	0.353	0.640
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	52	52	0	0.000	7.260	7.567	7.900
Iron	ug Fe/l	S	52	52	0	0.000	1.541	21.460	155.300
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.203	5.383
Linuron	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	48	48	0	0.000	< 0.004	< 0.017	0.037
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.218	23.650
Mecoprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.008	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.020	0.092
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.453	1.791	6.600
Nitrate	mg NO3/l	S	8	8	0	0.000	0.724	1.704	3.591
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.067	0.114
Phorate	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.166	0.327	0.485

WATER SUPPLY ZONE - ZS0105 - Dunore Breda South
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	Min.	Mean
Sodium	mg Na/l	S	8	8	0	0.000	9.085	13.342	19.013
Sulphate	mg SO4/l	S	8	8	0	0.000	23.486	45.307	75.332
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.236	< 0.418
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	0.080	0.445	0.860
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	28.500	51.588	69.200
Total coliforms	No./100 ml	S	144	144	1	0.694	0.000	0.090	13.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.004	< 0.010	0.017
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.500	< 6.000
Turbidity	NTU	S	52	52	0	0.000	0.080	0.234	0.770

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 56098

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 01-DEC-2015 (ZS0105AE) Aluminium = 257 ug Al/.
 Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 14-DEC-2015 (ZS0105AE) Total coliforms = 13 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	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	< 0.004	< 0.009	0.012
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	< 1.000	< 17.060	32.940
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.014	0.080
Antimony	ug/l Sb	S	8	8	0	0.000	0.011	0.101	0.137
Arsenic	ug/l As	S	8	8	0	0.000	0.274	0.360	0.578
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.019	< 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	0.018
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.556	1.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.010	0.018
Chloride	mg Cl/l	S	8	8	0	0.000	21.250	24.920	27.859
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.236	0.341	0.499
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.010	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	312	318	1	0.314	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.417	9.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.167	5.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.620	1.675	3.760
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.015	0.040
Cyanide	ug/l	AS	24	24	0	0.000	< 0.500	< 0.704	< 1.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.030	0.059
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	0.016
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.050	0.326	0.880
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	39	0	0.000	7.230	7.622	7.900
Iron	ug Fe/l	S	36	36	0	0.000	1.713	29.645	131.600
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	0.056	2.155	7.415
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.013	0.028	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	0.124	1.522	9.762
Mecoprop	ug/l	AS	24	24	0	0.000	0.007	0.013	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.022	0.083
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.534	1.442	2.070
Nitrate	mg NO3/l	S	8	8	0	0.000	0.382	1.511	3.325
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.082	0.114
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.237	0.387	0.524
Sodium	mg Na/l	S	8	8	0	0.000	14.367	18.497	20.797

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	62.849	73.705	85.012
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.290	< 0.428
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.096	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.090	0.463	1.000
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.060	2.641	3.570
Total Trihalomethanes	ug/l	S	8	8	0	0.000	44.900	61.138	76.400
Total coliforms	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	0.006	0.013	0.017
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.226	0.510

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46738

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 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 - ZS0107 - Belfast Oldpark
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.008	0.012
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	9.158	20.079	42.980
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.061	0.133
Arsenic	ug/l As	S	8	8	0	0.000	0.253	< 0.278	< 0.300
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.001	0.009	0.018
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.550	1.100
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.010	0.016
Chloride	mg Cl/l	S	8	8	0	0.000	18.241	22.393	25.761
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.247	0.374	0.521
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.006	< 0.009	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	416	422	1	0.237	0.000	0.002	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.056	97.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.690	1.268	2.440
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	289.000	332.827	392.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.013	0.033
Cyanide	ug/l	AS	32	32	0	0.000	0.380	1.043	5.600
Dicamba	ug/l	AS	32	32	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.017	0.030	0.055
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.009	0.016
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.285	0.660
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	36	0	0.000	7.190	7.552	7.950
Iron	ug Fe/l	S	36	36	0	0.000	8.100	42.837	161.000
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	0.067	0.889	5.027
Linuron	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.004	< 0.025	0.063
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.650	14.160
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.003	< 0.010	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.025	0.097
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.362	2.493	5.702
Nitrate	mg NO3/l	S	8	9	0	0.000	0.462	1.925	4.065
Nitrite	mg NO2/l	S	8	9	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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.075	0.114
Phorate	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
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	0.197	0.310	0.508

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	8	8		0	0.000	13.436	15.973	17.501
Sulphate	S	8	8		0	0.000	70.097	76.658	88.172
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.236	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.090	0.391	0.960
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	< 0.100	< 0.893	2.080
Total Trihalomethanes	S	8	8		0	0.000	19.100	43.155	68.200
Total coliforms	S	108	108		1	0.926	0.000	0.009	1.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.011	0.017
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.120	0.274	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42473

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 23-NOV-2015 (ZS0107AE) 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 - ZS0108 - Belfast Purdysburn
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	48	48	0	0.000	< 0.004	< 0.006	0.012
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	2	5.556	40.000	106.488	650.000
Ammonium	mg NH4/l	S	36	37	0	0.000	0.007	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.077	< 0.142
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.009
Bromate	ug/l	S	8	8	0	0.000	0.600	1.151	1.600
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.017	0.034	0.052
Chloride	mg Cl/l	S	8	8	0	0.000	8.472	10.420	15.777
Chlorotoluron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.019
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.098	0.197	0.445
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.006	< 0.012	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	677	683	2	0.293	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.250	28.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.278	3.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.580	1.063	1.470
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.031
Cyanide	ug/l	AS	48	48	0	0.000	< 0.300	< 1.131	2.800
Dicamba	ug/l	AS	48	48	0	0.000	< 0.001	< 0.012	< 0.012
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	0.011
Diuron	ug/l	AS	48	48	0	0.000	< 0.002	< 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	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.046	0.103	0.135
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.005	< 0.008	0.016
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	< 0.050	< 0.345	0.750
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	39	0	0.000	7.220	7.623	8.830
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 26.814	359.800
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	1	12.500	0.171	3.216	10.510
Linuron	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	48	48	0	0.000	< 0.004	< 0.017	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.281	30.270
Mecoprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.008	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.031	0.082
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.109	0.400	0.945
Nitrate	mg NO3/l	S	8	8	0	0.000	1.138	1.577	2.461
Nitrite	mg NO2/l	S	8	9	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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.067	0.114
Phorate	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.183	0.242	0.334

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	5.989	7.277	12.334
Sulphate	mg SO4/l	S	8	8	0	0.000	10.366	16.620	40.913
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.251	0.540
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	0.050	0.419	0.800
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.400	44.425	59.600
Total coliforms	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.004	< 0.010	0.017
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.500	< 6.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.266	1.960

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39984

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 03-MAR-2015 (ZS0108AE) Aluminium = 650 ug Al/.
 Sample failed 16-JUN-2015 (ZS0108AE) Aluminium = 449 ug Al/.
 Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 05-APR-2015 (W3801POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 16-JUN-2015 (ZS0108AE) Iron = 360 ug Fe/.
 Sample failed 22-JAN-2015 (ZS0108AE) Lead = 10.5 ug Pb.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	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	9.099	23.945	48.600
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.046	0.118
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.007	0.012
Bromate	ug/l	S	8	8	0	0.000	0.890	1.426	2.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	16.663	19.386	22.530
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.114	0.389	0.567
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	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	36	36	0	0.000	0.000	0.306	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.222	5.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.610	1.133	2.150
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	289.000	332.827	392.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.025	0.079
Cyanide	ug/l	AS	8	8	0	0.000	0.380	2.060	5.600
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.026	0.042
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.050	< 0.509	1.150
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	7.478	7.870
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 31.430	119.000
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	0.067	0.262	0.841
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.017	0.063
Manganese	ug Mn/l	S	36	36	0	0.000	0.600	5.219	25.580
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.020	0.056
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.760	3.954	11.110
Nitrate	mg NO3/l	S	8	8	0	0.000	0.894	1.889	3.363
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.054	0.076
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.232	0.315	0.492

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	12.848	14.060	15.227
Sulphate	S	8	8		0	0.000	69.799	84.358	101.698
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	< 0.207	< 0.258
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.080	0.590	1.200
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	< 0.100	< 0.893	2.080
Total Trihalomethanes	S	8	8		0	0.000	8.400	25.775	49.800
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.005	0.009
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.090	0.226	0.610

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43432

This zone has a surface water source :R3316

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 - ZS0111 - Dunore Point HydePark
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.009	0.012
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	9.036	20.353	38.370
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.115	0.140
Arsenic	ug/l As	S	8	8	0	0.000	0.274	0.358	0.462
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.001	0.012	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.320	0.460
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.024
Chloride	mg Cl/l	S	8	8	0	0.000	22.965	26.146	27.413
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.211	0.384	0.535
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.010	0.027
Clostridium perfringens (sulph red)	No./100 ml	AS	312	318	1	0.314	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.556	31.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.889	10.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.531	2.270
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.007	0.016
Cyanide	ug/l	AS	24	24	0	0.000	< 0.500	< 0.704	< 1.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Diuron	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.045	0.154
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	0.016
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.050	0.285	0.590
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	0.021
Hydrogen Ion	pH value	S	36	36	0	0.000	7.200	7.698	8.090
Iron	ug Fe/l	S	36	36	0	0.000	1.600	17.193	80.640
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	0.060	0.621	2.549
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.013	0.028	0.037
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.277	12.070
Mecoprop	ug/l	AS	24	24	0	0.000	0.007	0.013	0.018
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.023	0.055
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.186	1.432	1.971
Nitrate	mg NO3/l	S	8	9	0	0.000	0.370	1.290	3.623
Nitrite	mg NO2/l	S	8	9	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	37	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.082	0.114
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.168	0.380	0.528
Sodium	mg Na/l	S	8	8	0	0.000	16.099	18.582	20.000

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	63.595	72.324	85.058
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	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.247	< 0.428
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	0.150	0.415	0.770
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	2.639	3.600
Total Trihalomethanes	ug/l	S	8	8	0	0.000	46.300	62.875	76.400
Total coliforms	No./100 ml	S	84	84	1	1.190	0.000	0.060	5.000
Triclopyr	ug/l	AS	24	24	0	0.000	0.006	0.013	0.017
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.090	0.217	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 32462

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 16-APR-2015 (W3301POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 08-JAN-2015 (ZS0111AE) 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 - ZS0201 - Dorisland Carrick

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.005	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	12.670	25.540	46.620
Ammonium	mg NH4/l	S	36	36	0	0.000	0.007	0.012	0.013
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.055	0.122
Arsenic	ug/l As	S	8	8	0	0.000	0.257	< 0.295	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.022	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.004	0.010	0.017
Bromate	ug/l	S	8	8	0	0.000	0.490	1.041	1.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.009	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	16.557	19.631	23.872
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.252	0.382	0.546
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	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	36	36	0	0.000	0.000	0.417	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.389	10.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.560	1.036	2.160
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	289.000	332.827	392.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.014	0.040
Cyanide	ug/l	AS	8	8	0	0.000	0.380	2.060	5.600
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.027	0.051
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.060	0.536	1.000
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	39	0	0.000	7.100	7.620	7.860
Iron	ug Fe/l	S	36	36	0	0.000	1.500	17.612	107.000
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	0.078	1.101	6.957
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.017	0.063
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.858	24.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.028	0.113
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.571	2.614	5.545
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.770	3.695
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.054	0.076
Phorate	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.298	0.414

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	8	8		0	0.000	13.091	14.191	15.378
Sulphate	S	8	8		0	0.000	68.763	84.646	107.234
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	< 0.226	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.140	0.621	1.060
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	< 0.100	< 0.893	2.080
Total Trihalomethanes	S	8	8		0	0.000	6.270	25.796	42.800
Total coliforms	S	108	108		1	0.926	0.000	0.019	2.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.005	0.009
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.080	0.203	0.630

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41719

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 08-JAN-2015 (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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.004	0.007
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	1	1.316	31.800	83.898	286.700
Ammonium	mg NH4/l	S	76	77	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.008	0.045	0.074
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.015
Bromate	ug/l	S	8	8	0	0.000	0.770	1.260	2.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.014	0.028	0.035
Chloride	mg Cl/l	S	8	8	0	0.000	8.677	9.593	10.219
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.089	0.119	0.178
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	1	0.274	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	2.382	57.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	1.908	57.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.520	1.072	2.700
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.006
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.558	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	< 0.003	< 0.003	0.006
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.069	0.094	0.109
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.050	0.347	0.610
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	7.160	7.546	8.880
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 26.192	124.600
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	0.058	0.121	0.353
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.012
Manganese	ug Mn/l	S	76	76	0	0.000	0.093	1.684	25.580
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.017	0.038
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.233	0.420
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.323	1.670
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	0.012
Odour	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.051	0.064
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.168	0.247	0.481

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	5.949	6.499	6.961
Sulphate	mg SO4/l	S	8	8	0	0.000	10.027	12.673	15.186
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	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.252	< 0.348
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	< 0.397	0.660
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.500	36.890	51.700
Total coliforms	No./100 ml	S	204	204	2	0.980	0.000	0.167	33.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	NTU	S	76	76	0	0.000	0.080	0.204	0.590

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 80805

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 23-MAR-2015 (ZS0401AE) Aluminium = 287 ug Al/.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 21-JUL-2015 (ZS0401AE) Total coliforms = 1 No./100.
 Sample failed 01-OCT-2015 (ZS0401AE) Total coliforms = 33 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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.004	0.007
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	1	1.316	< 1.000	< 87.572	236.000
Ammonium	mg NH4/l	S	76	76	0	0.000	0.007	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.053	0.089
Arsenic	ug/l As	S	8	8	0	0.000	0.286	< 0.297	< 0.300
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	0.021
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	0.004	0.009
Bromate	ug/l	S	8	8	0	0.000	0.620	1.345	2.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.016	0.027	0.038
Chloride	mg Cl/l	S	8	8	0	0.000	8.306	9.468	10.473
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.102	0.141	0.176
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	1	0.274	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.461	10.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.474	18.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.510	1.116	2.070
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.007
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.558	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	< 0.003	< 0.003	0.006
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.082	0.102	0.135
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	< 0.050	< 0.349	0.640
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	7.050	7.699	9.270
Iron	ug Fe/l	S	76	76	0	0.000	1.900	26.624	154.200
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	0.052	0.134	0.354
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.012
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 1.463	10.310
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.074
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.221	0.490
Nitrate	mg NO3/l	S	8	8	0	0.000	1.173	1.427	1.732
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.051	0.064
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.160	0.215	0.342

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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
Sodium	mg Na/l	S	8	8	0	0.000	5.909	6.372	7.075
Sulphate	mg SO4/l	S	8	8	0	0.000	10.143	12.520	15.618
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	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.237	< 0.418
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	0.395	0.720
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.600	42.063	59.800
Total coliforms	No./100 ml	S	204	204	1	0.490	0.000	0.005	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	NTU	S	76	76	0	0.000	0.070	0.212	1.220

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 83224

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 31-MAR-2015 (ZS0404AE) Aluminium = 236 ug Al/.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 08-JUN-2015 (ZS0404AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.004	0.007
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	53	2	3.774	13.200	102.525	459.000
Ammonium	mg NH4/l	S	52	53	0	0.000	< 0.010	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.059	0.140
Arsenic	ug/l As	S	8	8	0	0.000	0.272	0.297	0.320
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.113	2.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.020	0.046	0.134
Chloride	mg Cl/l	S	8	8	0	0.000	8.351	9.392	10.440
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.107	0.194	0.445
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	1	0.274	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	52	53	0	0.000	0.000	1.491	40.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	53	0	0.000	0.000	0.075	2.000
Colour	mg/l Pt/Co	S	52	53	0	0.000	0.600	1.286	3.970
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.040	0.228
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.558	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	< 0.003	< 0.003	0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	144	145	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.073	0.094	0.120
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	144	145	0	0.000	0.050	0.390	0.870
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	53	0	0.000	6.610	7.614	8.790
Iron	ug Fe/l	S	52	53	1	1.887	< 2.000	< 42.246	765.800
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9	2	22.222	< 0.100	< 5.005	23.340
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.012
Manganese	ug Mn/l	S	52	53	0	0.000	< 0.100	< 3.117	33.670
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.016	0.041
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.478	1.400
Nitrate	mg NO3/l	S	8	8	0	0.000	1.146	1.406	1.596
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	53	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.051	0.064
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.189	0.247	0.321

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples constraven	% of samples constraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	mg Na/l	S	8	8	0	0.000	5.932	6.351	7.000
Sulphate	mg SO4/l	S	8	8	0	0.000	10.589	12.664	16.172
Taste	Diln No	S	52	53	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.259	< 0.388
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	145	0	0.000	< 0.050	< 0.485	1.890
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.586	1.063	1.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	28.000	44.969	53.700
Total coliforms	No./100 ml	S	144	145	2	1.379	0.000	0.041	5.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	NTU	S	52	53	1	1.887	0.080	0.385	5.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58860

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 03-JUN-2015 (ZS0501AE) Aluminium = 437 ug Al/.
 Sample failed 11-JUN-2015 (ZS0501AE) Aluminium = 283 ug Al/.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 03-JUN-2015 (ZS0501AE) Iron = 766 ug Fe/.
 Sample failed 21-JAN-2015 (ZS0501AE) Lead = 14.0 ug Pb.
 Sample failed 03-JUN-2015 (ZS0501AE) Lead = 23.3 ug Pb.
 Sample failed 15-JAN-2015 (ZS0501AE) Total coliforms = 1 No./100.
 Sample failed 18-JUN-2015 (ZS0501AE) Total coliforms = 5 No./100.
 Sample failed 03-JUN-2015 (ZS0501AE) Turbidity = 4.2 NTU.

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	20	0	0.000	< 0.004	< 0.012	0.022
2,4-DB	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	8.500	31.896	111.200
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.020	0.129	0.196
Arsenic	ug/l As	S	8	8	0	0.000	0.255	0.382	0.487
Bentazone	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.015	0.020	0.023
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	0.002	0.013	0.021
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	20	20	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.017
Chloride	mg Cl/l	S	8	8	0	0.000	9.833	23.510	26.560
Chlorotoluron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.216	0.404	0.678
Clopyralid	ug/l	AS	20	20	0	0.000	< 0.006	< 0.013	0.039
Clostridium perfringens (sulph red)	No./100 ml	AS	364	373	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	4.558	89.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.365	9.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.640	1.876	2.970
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.009	0.031
Cyanide	ug/l	AS	20	20	0	0.000	< 0.500	< 0.730	< 1.000
Dicamba	ug/l	AS	20	20	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	20	20	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.006
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	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.024	0.042	0.087
Fluroxypyr	ug/l	AS	20	20	0	0.000	0.007	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	156	157	0	0.000	< 0.050	< 0.262	0.730
Glyphosate	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52	0	0.000	7.540	7.840	8.070
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 33.002	306.100
Isoproturon	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.560	2.076
Linuron	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	20	20	0	0.000	0.029	0.046	0.068
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.959	12.290
Mecoprop	ug/l	AS	20	20	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.025	0.113
Metalaxyl	ug/l	AS	20	20	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.383	1.578	2.175
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.316	3.472
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	20	20	0	0.000	0.076	0.119	0.173
Phorate	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.003
Propyzamide	ug/l	AS	20	20	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.503	0.766
Sodium	mg Na/l	S	8	8	0	0.000	6.349	19.135	23.171

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	11.098	71.866	102.092
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.296	< 0.438
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	156	157	0	0.000	< 0.050	< 0.395	0.860
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	2.570	3.048	3.670
Total Trihalomethanes	ug/l	S	8	8	0	0.000	57.100	72.088	84.700
Total coliforms	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	20	20	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.090	0.324	2.270

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63013

PCV Exceedances:

Sample failed 23-JUN-2015 (ZS0502AE) Iron = 306 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 - ZS0503 - Forked Bridge Stoneyford
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	20	0	0.000	< 0.004	< 0.012	0.022
2,4-DB	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	15.200	28.176	62.980
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.012	0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.015	0.101	0.140
Arsenic	ug/l As	S	8	8	0	0.000	0.290	0.375	0.457
Bentazone	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.016	0.020	0.021
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	0.002	0.010	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	20	20	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.030
Chloride	mg Cl/l	S	8	8	0	0.000	23.836	25.584	26.793
Chlorotoluron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.286	0.382	0.515
Clopyralid	ug/l	AS	20	20	0	0.000	< 0.006	< 0.013	0.039
Clostridium perfringens (sulph red)	No./100 ml	AS	364	373	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.375	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.167	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.010	1.842	2.760
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.006	0.018
Cyanide	ug/l	AS	20	20	0	0.000	< 0.500	< 0.730	< 1.000
Dicamba	ug/l	AS	20	20	0	0.000	< 0.001	< 0.011	< 0.012
Dichlorprop	ug/l	AS	20	20	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.006
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	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.024	< 0.030	0.044
Fluroxypyr	ug/l	AS	20	20	0	0.000	0.007	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	< 0.050	< 0.384	0.870
Glyphosate	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.550	7.827	7.980
Iron	ug Fe/l	S	24	24	0	0.000	1.500	12.209	69.090
Isoproturon	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.050	0.106	0.212
Linuron	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	20	20	0	0.000	0.029	0.046	0.068
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.367	7.400
Mecoprop	ug/l	AS	20	20	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.016	0.046
Metalaxyl	ug/l	AS	20	20	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.212	1.448	1.739
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.584	3.898
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	25	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	20	20	0	0.000	0.076	0.119	0.173
Phorate	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.003
Propyzamide	ug/l	AS	20	20	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.468	0.653
Sodium	mg Na/l	S	8	8	0	0.000	17.477	20.209	23.194

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	11.605	72.379	102.727
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.300	< 0.458
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	< 0.050	< 0.514	1.020
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	2.320	2.853	3.860
Total Trihalomethanes	ug/l	S	8	8	0	0.000	61.000	69.775	85.700
Total coliforms	No./100 ml	S	72	72	1	1.389	0.000	0.042	3.000
Triclopyr	ug/l	AS	20	20	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.090	0.213	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27330

PCV Exceedances:

Sample failed 07-JAN-2015 (ZS0503AE) 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 - ZS0601 - Drumaroad Ballynahinch

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.004	0.007
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	16.280	85.867	221.500
Ammonium	mg NH4/l	S	52	52	0	0.000	0.008	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.130	0.420
Arsenic	ug/l As	S	8	8	0	0.000	0.253	< 0.294	< 0.300
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.017	0.020	0.024
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	0.004	0.008
Bromate	ug/l	S	8	8	0	0.000	0.590	1.199	1.700
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.016	0.031	0.059
Chloride	mg Cl/l	S	8	8	0	0.000	8.247	9.542	10.494
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.102	0.146	0.214
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	1	0.274	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	3.462	67.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.385	16.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.570	1.088	1.690
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.006
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.558	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	< 0.003	< 0.003	0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	132	133	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.075	0.097	0.138
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	132	133	0	0.000	0.050	0.527	0.770
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	52	55	0	0.000	6.910	7.563	8.880
Iron	ug Fe/l	S	52	52	1	1.923	1.800	23.278	452.200
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	0.132	0.490
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.012
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.199	6.047
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.019	0.087
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.424	1.600
Nitrate	mg NO3/l	S	8	8	0	0.000	1.177	1.446	1.785
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	53	1	1.887	0.000	0.019	1.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.051	0.064
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.217	0.292

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	5.921	6.414	7.077
Sulphate	S	8	8		0	0.000	10.277	12.607	15.751
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.255	< 0.398
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	133		0	0.000	0.100	0.584	0.840
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	0.586	1.063	1.460
Total Trihalomethanes	S	8	8		0	0.000	27.900	36.513	48.100
Total coliforms	S	132	133		2	1.504	0.000	0.105	9.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.007	0.012
Tritium	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	S	52	52		0	0.000	0.070	0.185	0.630

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 54505

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 31-MAR-2015 (ZS0601AE) Aluminium = 222 ug Al/.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 26-NOV-2015 (ZS0601AE) Iron = 452 ug Fe/.
 Sample failed 13-MAY-2015 (ZS0601AE) Odour = 1 Diln No.
 Sample failed 18-FEB-2015 (ZS0601AE) Total coliforms = 5 No./100.
 Sample failed 25-JUN-2015 (ZS0601AE) 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 - ZS0602 - Drumaroad Downpatrick
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	< 0.004	< 0.004	0.007
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	3	8.333	30.700	132.710	1023.00
Ammonium	mg NH4/l	S	36	36	0	0.000	0.007	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.052	0.096
Arsenic	ug/l As	S	8	8	0	0.000	0.251	< 0.288	< 0.300
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.004	0.012
Bromate	ug/l	S	8	8	0	0.000	0.530	1.174	1.600
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.031	0.050
Chloride	mg Cl/l	S	8	8	0	0.000	8.456	9.355	10.428
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.090	0.172	0.303
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	0.053
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365	1	0.274	0.000	0.003	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.472	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.083	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.630	1.147	1.990
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	75.000	80.840	352.000
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	< 0.300	< 1.558	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	< 0.003	< 0.003	0.006
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	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.073	0.097	0.122
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	0.009
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.070	0.473	0.930
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.011
Hydrogen Ion	pH value	S	36	39	0	0.000	7.210	7.567	8.030
Iron	ug Fe/l	S	36	36	2	5.556	< 2.000	< 46.547	825.900
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	0.080	0.120
Linuron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	0.012
Manganese	ug Mn/l	S	36	36	0	0.000	0.350	2.228	30.690
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.005
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.018	0.046
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.334	1.116
Nitrate	mg NO3/l	S	8	8	0	0.000	1.153	1.386	1.601
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.018
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.051	0.064
Phorate	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
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	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.257	0.335

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sodium	S	8	8		0	0.000	5.846	6.387	7.653
Sulphate	S	8	8		0	0.000	10.504	12.569	15.700
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.294	< 0.408
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.110	0.530	1.000
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	0.586	1.063	1.460
Total Trihalomethanes	S	8	8		0	0.000	31.600	43.659	53.200
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.007	0.012
Tritium	AS	1	1		0	0.000	< 6.000	< 6.000	< 6.000
Turbidity	S	36	36		1	2.778	0.080	0.332	4.130

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41234

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-FEB-2015 (ZS0602AE) Aluminium = 681 ug Al/.
 Sample failed 01-APR-2015 (ZS0602AE) Aluminium = 235 ug Al/.
 Sample failed 17-JUN-2015 (ZS0602AE) Aluminium = 1023 ug Al/.
 Sample failed 05-APR-2015 (W3801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 04-FEB-2015 (ZS0602AE) Iron = 380 ug Fe/.
 Sample failed 17-JUN-2015 (ZS0602AE) Iron = 826 ug Fe/.
 Sample failed 17-JUN-2015 (ZS0602AE) Turbidity = 4.1 NTU.

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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	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	12	12	0	0.000	< 0.004	< 0.010	0.013
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	8.900	30.913	97.700
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.012	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	0.015	0.119	0.151
Arsenic	ug/l As	S	8	8	0	0.000	0.302	0.390	0.514
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	0.031
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.005	0.011	0.016
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.012	0.021
Chloride	mg Cl/l	S	8	8	0	0.000	23.479	25.377	26.584
Chlorotoluron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.297	0.434	0.634
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.006	< 0.012	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	260	269	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	5.500	63.000
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	1.110	1.812	2.610
Copper	mg Cu/l	S	8	8	0	12.500	0.001	3.356	26.810
Cyanide	ug/l	AS	12	12	0	0.000	< 0.500	< 0.725	< 1.000
Dicamba	ug/l	AS	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.006
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	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.036	0.089
Fluroxypyr	ug/l	AS	12	12	0	0.000	0.009	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.050	0.328	0.700
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	24	0	0.000	7.270	7.665	7.890
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 50.139	247.100
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.056	0.114	0.286
Linuron	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	12	12	0	0.000	0.030	0.046	0.068
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 3.189	14.910
Mecoprop	ug/l	AS	12	12	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.018	0.047
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.500	2.838	9.882
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.169	3.526
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	0.081	0.118	0.173
Phorate	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.191	0.462	0.780
Sodium	mg Na/l	S	8	8	0	0.000	15.708	18.861	22.060

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sulphate	mg SO4/l	S	8	8	0	0.000	64.070	85.737	104.275
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.299	< 0.438
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	0.180	0.506	0.980
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	2.340	3.090	4.130
Total Trihalomethanes	ug/l	S	8	8	0	0.000	55.700	65.313	80.300
Total coliforms	No./100 ml	S	72	72	2	2.778	0.000	0.042	2.000
Triclopyr	ug/l	AS	12	12	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.120	0.338	1.390

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29353

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 18-MAY-2015 (ZS0802AE) Copper = 26.810 mg.
 Sample failed 19-FEB-2015 (ZS0802AE) Iron = 247 ug Fe/.
 Sample failed 23-NOV-2015 (ZS0802AE) Total coliforms = 1 No./100.
 Sample failed 07-DEC-2015 (ZS0802AE) 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 - ZS0808 - Castor Bay Craigavon
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	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	12	12	0	0.000	< 0.004	< 0.010	0.013
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	0	0.000	8.600	29.915	132.300
Ammonium	mg NH4/l	S	76	77	0	0.000	0.008	0.012	0.014
Antimony	ug/l Sb	S	8	8	0	0.000	0.036	0.102	0.136
Arsenic	ug/l As	S	8	8	0	0.000	0.274	0.329	0.373
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.015	0.019	0.022
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	< 0.008	0.018
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.010	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	2.970	20.997	27.858
Chlorotoluron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.107	0.310	0.566
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.006	< 0.012	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	260	269	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	7.737	217.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	1.329	43.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.500	1.976	18.440
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.020	0.048
Cyanide	ug/l	AS	12	12	0	0.000	< 0.500	< 0.725	< 1.000
Dicamba	ug/l	AS	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.006
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	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.022	< 0.039	< 0.100
Fluroxypyr	ug/l	AS	12	12	0	0.000	0.009	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	204	205	0	0.000	0.050	0.491	1.040
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	76	76	0	0.000	7.130	7.644	7.990
Iron	ug Fe/l	S	76	76	3	3.947	< 2.000	< 36.511	238.700
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.055	0.207	0.697
Linuron	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	12	12	0	0.000	0.030	0.046	0.068
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 2.706	21.540
Mecoprop	ug/l	AS	12	12	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.012	0.018
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.349	1.810	5.470
Nitrate	mg NO3/l	S	8	8	0	0.000	0.370	1.548	4.118
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.018
Odour	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	0.081	0.118	0.173
Phorate	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.344	0.523
Sodium	mg Na/l	S	8	8	0	0.000	7.873	17.378	20.737

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	15.673	74.700	98.342
Taste	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.282	< 0.458
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	204	205	0	0.000	0.100	0.659	1.380
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	1.590	2.878	3.580
Total Trihalomethanes	ug/l	S	8	8	0	0.000	52.100	63.749	77.700
Total coliforms	No./100 ml	S	204	204	2	0.980	0.000	0.010	1.000
Triclopyr	ug/l	AS	12	12	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	76	76	0	0.000	0.080	0.287	1.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 82967

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 13-APR-2015 (ZS0808AE) Iron = 227 ug Fe/.
 Sample failed 06-JUL-2015 (ZS0808AE) Iron = 204 ug Fe/.
 Sample failed 21-SEP-2015 (ZS0808AE) Iron = 239 ug Fe/.
 Sample failed 20-AUG-2015 (ZS0808AE) Total coliforms = 1 No./100.
 Sample failed 10-SEP-2015 (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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A	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	12	12	0	0.000	< 0.004	< 0.010	0.013
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	5.800	27.505	135.000
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.020	0.140	0.267
Arsenic	ug/l As	S	8	8	0	0.000	0.310	0.378	0.477
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.017	0.035	0.140
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	0.012	0.022
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.012	0.033
Chloride	mg Cl/l	S	8	8	0	0.000	23.454	25.461	26.445
Chlorotoluron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.295	0.396	0.502
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.006	< 0.012	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	260	269	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.808	24.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.135	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.950	1.873	4.110
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.026	0.116
Cyanide	ug/l	AS	12	12	0	0.000	< 0.500	< 0.725	< 1.000
Dicamba	ug/l	AS	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.006
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	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.032	0.054
Fluroxypyr	ug/l	AS	12	12	0	0.000	0.009	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	156	157	0	0.000	0.050	0.375	0.940
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	52	52	0	0.000	7.060	7.638	7.950
Iron	ug Fe/l	S	52	52	0	0.000	1.800	32.704	194.600
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.065	0.930	6.338
Linuron	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	12	12	0	0.000	0.030	0.046	0.068
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.623	16.250
Mecoprop	ug/l	AS	12	12	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.028	0.114
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	1	12.500	1.360	> 4.004	> 20.000
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.228	3.579
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	0.081	0.118	0.173
Phorate	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.164	0.426	0.662
Sodium	mg Na/l	S	8	8	0	0.000	16.853	19.127	22.977

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sulphate	mg SO4/l	S	8	8	0	0.000	64.837	86.086	103.809
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.269	< 0.418
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.099	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	156	157	0	0.000	0.060	0.539	1.310
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	2.400	3.046	4.090
Total Trihalomethanes	ug/l	S	8	8	0	0.000	55.800	68.675	83.800
Total coliforms	No./100 ml	S	156	156	3	1.923	0.000	> 0.654	>100.000
Triclopyr	ug/l	AS	12	12	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.090	0.301	0.980

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61786

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 09-MAR-2015 (ZS0809AE) Nickel = >20.00 ug.
 Sample failed 19-AUG-2015 (ZS0809AE) Total coliforms = 1 No./100.
 Sample failed 19-NOV-2015 (ZS0809AE) Total coliforms = >100 No./l.
 Sample failed 29-DEC-2015 (ZS0809AE) 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 - ZS0810 - Castor Bay Tandragee
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	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	12	12	0	0.000	< 0.004	< 0.010	0.013
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	8.500	27.586	93.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.020	0.284
Antimony	ug/l Sb	S	8	8	0	0.000	0.014	0.107	0.155
Arsenic	ug/l As	S	8	8	0	0.000	0.305	0.394	0.488
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	0.002	0.012	0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.012	0.026
Chloride	mg Cl/l	S	8	8	0	0.000	23.567	25.514	26.530
Chlorotoluron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.273	0.432	0.731
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.006	< 0.012	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	260	269	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	7.000	208.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.611	21.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	1.160	1.849	2.860
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.014	0.046
Cyanide	ug/l	AS	12	12	0	0.000	< 0.500	< 0.725	< 1.000
Dicamba	ug/l	AS	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.004	0.006
E. coli	No./100 ml	S	96	97	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	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.036	0.069
Fluroxypyr	ug/l	AS	12	12	0	0.000	0.009	0.013	0.018
Free - Residual disinfectant	mg Cl/l	S	96	98	0	0.000	0.060	0.453	1.050
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	7.180	7.633	7.950
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 17.104	94.440
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.069	0.858	3.953
Linuron	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	12	12	0	0.000	0.030	0.046	0.068
Manganese	ug Mn/l	S	36	36	0	0.000	0.450	1.786	11.450
Mecoprop	ug/l	AS	12	12	0	0.000	0.009	0.019	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.015	0.042
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	1.405	1.953	4.133
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 1.547	3.489
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	0.081	0.118	0.173
Phorate	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.284	0.522	0.719
Sodium	mg Na/l	S	8	8	0	0.000	17.158	19.563	22.484

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Sulphate	mg SO4/l	S	8	8	0	0.000	64.428	82.593	103.875
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.294	< 0.428
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	98	0	0.000	0.260	0.618	1.350
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	2.600	3.160	4.370
Total Trihalomethanes	ug/l	S	8	8	0	0.000	44.100	65.275	79.400
Total coliforms	No./100 ml	S	96	97	1	1.031	0.000	0.072	7.000
Triclopyr	ug/l	AS	12	12	0	0.000	0.012	0.017	0.020
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.100	0.241	1.060

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43532

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 16-SEP-2015 (ZS0810AE) 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 - ZS0901 - Camlough Newry West
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.094	< 0.100
2,4-D	ug/l	AS	20	20	0	0.000	< 0.004	< 0.011	0.015
2,4-DB	ug/l	AS	20	20	0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	24	25	0	0.000	1.970	26.581	56.380
Ammonium	mg NH4/l	S	24	24	0	0.000	0.007	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.031	0.094	0.149
Arsenic	ug/l As	S	8	8	0	0.000	0.258	0.345	0.422
Bentazone	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.006
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	0.030
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	20	20	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	13.524	22.826	28.567
Chlorotoluron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.119	0.335	0.435
Clopyralid	ug/l	AS	20	20	0	0.000	< 0.006	< 0.011	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	284	293	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	2.458	56.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	2.042	47.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.870	1.686	3.500
Conductivity	uS/cm 20 C	AS	24	36	0	0.000	153.000	167.361	180.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.016	0.059
Cyanide	ug/l	AS	20	20	0	0.000	< 0.500	< 2.160	6.200
Dicamba	ug/l	AS	20	20	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	20	20	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	0.006
E. coli	No./100 ml	S	72	73	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.039	< 0.100
Fluroxypyr	ug/l	AS	20	20	0	0.000	< 0.005	< 0.012	0.018
Free - Residual disinfectant	mg Cl/l	S	72	74	0	0.000	0.050	0.435	0.930
Glyphosate	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	24	25	0	0.000	7.310	7.648	7.860
Iron	ug Fe/l	S	24	25	0	0.000	< 2.000	< 25.591	159.800
Isoproturon	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9	0	0.000	0.064	0.432	1.360
Linuron	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	20	20	0	0.000	0.019	0.047	0.080
Manganese	ug Mn/l	S	24	25	0	0.000	< 0.100	< 1.858	6.608
Mecoprop	ug/l	AS	20	20	0	0.000	0.006	0.015	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.031
Metalaxyl	ug/l	AS	20	20	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.952	2.488	8.024
Nitrate	mg NO3/l	S	8	8	0	0.000	0.356	1.712	4.712
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.016
Odour	Diln No	S	24	25	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	20	20	0	0.000	< 0.050	< 0.112	0.173
Phorate	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.002
Propyzamide	ug/l	AS	20	20	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.172	0.399	0.665

WATER SUPPLY ZONE - ZS0901 - Camlough Newry West
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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
Sodium	mg Na/l	S	8	8	0	0.000	8.462	16.289	21.503
Sulphate	mg SO4/l	S	8	8	0	0.000	13.736	62.570	100.881
Taste	Diln No	S	24	25	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.279	< 0.408
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	72	74	0	0.000	0.170	0.576	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	AS	8	8	0	0.000	1.770	2.108	2.880
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.400	63.014	78.900
Total coliforms	No./100 ml	S	72	73	2	2.740	0.000	0.384	26.000
Triclopyr	ug/l	AS	20	20	0	0.000	0.010	0.015	0.020
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.090	0.197	0.560

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21216

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 08-JUL-2015 (ZS0901AE) Total coliforms = 2 No./100.
 Sample failed 20-JUL-2015 (ZS0901AE) Total coliforms = 26 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	28	28	0	0.000	< 0.004	< 0.009	0.015
2,4-DB	ug/l	AS	28	28	0	0.000	< 0.003	< 0.004	0.009
Aluminium	ug Al/l	S	36	36	0	0.000	3.800	22.929	115.700
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.077	0.143
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.327	0.454
Bentazone	ug/l	AS	28	28	0	0.000	< 0.002	< 0.003	0.006
Benzene	ug/l	S	8	8	0	0.000	0.015	0.020	0.021
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.011
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.200	2.000
Bromoxynil	ug/l	AS	28	28	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.011	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	10.389	15.120	26.503
Chlorotoluron	ug/l	AS	28	28	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.087	0.224	0.543
Clopyralid	ug/l	AS	28	28	0	0.000	< 0.006	< 0.012	0.038
Clostridium perfringens (sulph red)	No./100 ml	AS	440	449	1	0.223	0.000	0.002	1.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.139	81.000
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	0.610	1.474	3.990
Conductivity	uS/cm 20 C	AS	180	192	0	0.000	76.000	110.656	180.000
Copper	mg Cu/l	S	8	8	0	0.000	0.005	0.061	0.377
Cyanide	ug/l	AS	28	28	0	0.000	< 0.500	< 2.084	6.200
Dicamba	ug/l	AS	28	28	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	28	28	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	28	28	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	28	28	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.015	0.025	0.065
Fluroxypyr	ug/l	AS	28	28	0	0.000	< 0.005	< 0.010	0.018
Free - Residual disinfectant	mg Cl/l	S	108	109	0	0.000	0.050	0.545	1.260
Glyphosate	ug/l	AS	28	28	0	0.000	< 0.002	< 0.003	< 0.003
Hydrogen Ion	pH value	S	36	36	0	0.000	6.800	7.528	9.110
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 24.470	168.000
Isoproturon	ug/l	AS	28	28	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.075	1.865	9.326
Linuron	ug/l	AS	28	28	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	28	28	0	0.000	< 0.004	< 0.036	0.080
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.056	5.873
Mecoprop	ug/l	AS	28	28	0	0.000	< 0.003	< 0.012	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.021	0.097
Metalaxyl	ug/l	AS	28	28	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	28	28	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.253	0.894	2.160
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 0.555	0.790
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	28	28	0	0.000	< 0.050	< 0.094	0.173
Phorate	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	28	28	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	28	28	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	28	28	0	0.000	< 0.002	< 0.002	0.002
Propyzamide	ug/l	AS	28	28	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	28	28	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.152	0.269	0.533

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore

Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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
Sodium	mg Na/l	S	8	8	0	0.000	7.134	10.283	19.773
Sulphate	mg SO4/l	S	8	8	0	0.000	14.179	36.132	102.954
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	28	28	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.244	< 0.428
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	109	0	0.000	0.120	0.664	1.320
Total Indicative Dose	mSv/year	AS	3	3	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	16	16	0	0.000	1.190	1.888	2.880
Total Trihalomethanes	ug/l	S	8	8	0	0.000	24.900	49.925	64.000
Total coliforms	No./100 ml	S	108	108	2	1.852	0.000	0.102	6.000
Triclopyr	ug/l	AS	28	28	0	0.000	< 0.004	< 0.013	0.020
Tritium	Bq/l	AS	3	3	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.080	0.219	0.710

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41287

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 11-MAR-2015 (W2801OUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 24-FEB-2015 (ZS0902AE) Total coliforms = 6 No./100.

Sample failed 25-AUG-2015 (ZS0902AE) 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 - ZS0904 - Fofanny Mourne
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	< 0.004	< 0.005	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	7.078	21.579	56.240
Ammonium	mg NH4/l	S	52	52	0	0.000	0.008	0.016	0.217
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.049	0.077
Arsenic	ug/l As	S	8	8	0	0.000	0.273	< 0.293	< 0.300
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.022	< 0.002
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.010
Bromate	ug/l	S	8	8	0	0.000	0.610	1.396	2.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.013	0.035
Chloride	mg Cl/l	S	8	8	0	0.000	10.357	11.618	13.464
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.091	0.134	0.202
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	0.021
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	1	0.641	0.000	0.006	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	3.827	199.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.135	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.640	1.511	3.660
Conductivity	uS/cm 20 C	AS	156	156	0	0.000	76.000	97.571	106.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.017	0.062
Cyanide	ug/l	AS	8	8	0	0.000	0.540	1.893	2.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.007
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.016	0.022	0.036
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.009
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.050	0.622	1.030
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	7.070	7.514	8.050
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 23.687	156.400
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	0.342	1.550
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.011	0.016
Manganese	ug Mn/l	S	52	52	0	0.000	0.110	1.526	9.967
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.014	0.029
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	0.154	0.649	2.310
Nitrate	mg NO3/l	S	8	8	0	0.000	0.376	0.574	0.820
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.154	0.267	0.510

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	Min.	Mean
Sodium	mg Na/l	S	8	8	0	0.000	7.128	7.606	8.745
Sulphate	mg SO4/l	S	8	8	0	0.000	13.092	16.083	18.710
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	< 0.285	< 0.428
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	0.100	0.733	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	AS	8	8	0	0.000	1.190	1.669	2.130
Total Trihalomethanes	ug/l	S	8	8	0	0.000	23.400	45.006	72.800
Total coliforms	No./100 ml	S	156	156	2	1.282	0.000	0.038	5.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.080	0.241	3.560

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61449

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 11-MAR-2015 (W2801OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 16-JUN-2015 (ZS0904AE) Total coliforms = 1 No./100.
 Sample failed 17-AUG-2015 (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 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 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	0.084	< 0.098	< 0.100
2,4-D	ug/l	AS	20	20	0	0.000	< 0.004	< 0.010	0.022
2,4-DB	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	1.200	13.812	51.950
Ammonium	mg NH4/l	S	24	24	0	0.000	0.008	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.011	0.122	0.220
Arsenic	ug/l As	S	8	8	0	0.000	0.295	0.371	0.531
Bentazone	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	0.008
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	0.001	0.009	0.014
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 1.500	2.300
Bromoxynil	ug/l	AS	20	20	0	0.000	< 0.007	< 0.007	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.013	0.024
Chloride	mg Cl/l	S	8	8	0	0.000	17.326	21.678	26.671
Chlorotoluron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.003	< 0.019
Chlorpyrifos	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Chromium	ug/l Cr	S	8	8	0	0.000	0.165	0.305	0.590
Clopyralid	ug/l	AS	20	20	0	0.000	< 0.006	< 0.014	0.047
Clostridium perfringens (sulph red)	No./100 ml	AS	284	293	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	2.458	54.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.500	36.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.990	1.735	3.930
Conductivity	uS/cm 20 C	AS	24	43	0	0.000	228.000	259.442	285.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.015	0.060
Cyanide	ug/l	AS	20	20	0	0.000	< 0.500	< 2.039	5.900
Dicamba	ug/l	AS	20	20	0	0.000	< 0.012	< 0.012	< 0.012
Dichlorprop	ug/l	AS	20	20	0	0.000	< 0.003	< 0.004	0.010
Diuron	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	0.006
E. coli	No./100 ml	S	36	37	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	S	8	8	0	0.000	0.019	0.036	0.132
Fluroxypyr	ug/l	AS	20	20	0	0.000	< 0.005	< 0.012	0.018
Free - Residual disinfectant	mg Cl/l	S	36	38	0	0.000	< 0.050	< 0.683	1.240
Glyphosate	ug/l	AS	20	20	0	0.000	< 0.002	< 0.006	0.053
Hydrogen Ion	pH value	S	24	24	0	0.000	7.210	7.453	7.830
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 20.564	83.730
Isoproturon	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.051	0.120	0.232
Linuron	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	20	21	0	0.000	0.016	0.042	0.068
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.064	6.424
Mecoprop	ug/l	AS	20	20	0	0.000	0.009	0.018	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.021	0.100
Metalaxyl	ug/l	AS	20	20	0	0.000	< 0.005	< 0.005	< 0.005
Metoxuron	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Metribuzin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug Ni/l	S	8	8	0	0.000	2.314	2.653	3.146
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.400	< 2.804	6.500
Nitrite	mg NO2/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	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	20	20	0	0.000	0.053	0.116	0.173
Phorate	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	20	20	0	0.000	< 0.003	< 0.003	< 0.003
Propachlor	ug/l	AS	20	20	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	20	20	0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	ug/l	AS	20	20	0	0.000	< 0.010	< 0.010	< 0.010
Prothioconazole	ug/l	AS	20	20	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.436	0.785

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
 Printed On 11-JAN-2016 : NI Water : Period 01-JAN-2015 to 31-DEC-2015 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Sodium	S	8	8		0	0.000	10.731	14.438	19.945
Sulphate	S	8	8		0	0.000	47.906	65.176	103.847
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	20	20		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.259	< 0.458
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	36	38		0	0.000	0.070	0.855	1.550
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.340	2.561	3.070
Total Trihalomethanes	S	8	8		0	0.000	32.000	57.825	82.100
Total coliforms	S	36	37		1	2.703	0.000	0.027	1.000
Triclopyr	AS	20	20		0	0.000	0.007	0.016	0.020
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.060	0.158	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9904

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 23-NOV-2015 (ZS1001AE) 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