

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8	0	0.000	< 0.004	< 0.018	< 0.050
2,4-DB	ug/l	AS	9	8	0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	9	8	0	0.000	< 0.002	< 0.007	< 0.020
Aluminium	ug Al/l	S	76	76	0	0.000	5.669	26.670	84.610
Ammonium	mg NH4/l	S	76	76	0	0.000	0.005	0.010	0.041
Antimony	ug/l Sb	S	8	8	0	0.000	0.039	0.088	0.175
Arsenic	ug/l As	S	8	8	0	0.000	0.296	0.334	0.402
Asulam	ug/l	AS	9	8	0	0.000	< 0.004	< 0.011	< 0.050
Bentazone	ug/l	AS	9	8	0	0.000	< 0.002	< 0.005	< 0.020
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	< 0.011	0.023
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.319	0.450
Bromoxynil	ug/l	AS	9	8	0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.016	0.029
Carbendazim	ug/l	AS	9	8	0	0.000	< 0.001	< 0.005	< 0.010
Chlorothalonil	ug/l	AS	9	8	0	0.000	< 0.001	< 0.008	< 0.010
Chlorotoluron	ug/l	AS	9	8	0	0.000	< 0.002	< 0.008	< 0.030
Chlorpyrifos	ug/l	AS	9	8	0	0.000	< 0.003	< 0.009	< 0.030
Chromium	ug/l Cr	S	8	8	0	0.000	0.168	0.374	0.772
Clopyralid	ug/l	AS	9	8	0	0.000	< 0.006	< 0.029	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	1	0.952	0.000	0.010	1.000
Colony Counts 22	No./1 ml	S	76	77	0	0.000	0.000	2.675	196.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	77	0	0.000	0.000	0.351	27.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.580	1.370	2.590
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.019
Cyanide	ug/l	AS	9	9	0	0.000	< 0.500	< 3.067	< 4.000
Cypermethrin	ug/l	AS	9	8	0	0.000	< 0.001	< 0.007	< 0.010
Dicamba	ug/l	AS	9	8	0	0.000	< 0.007	< 0.024	< 0.080
Dichlobenil	ug/l	AS	9	8	0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	9	8	0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	9	8	0	0.000	< 0.002	< 0.007	< 0.020
E. coli	No./100 ml	S	228	228	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	9	8	0	0.000	< 0.004	< 0.011	< 0.020
Fluroxypyr	ug/l	AS	9	8	0	0.000	< 0.006	< 0.020	< 0.060
Free - Residual disinfectant	mg Cl/l	S	228	228	0	0.000	0.030	0.157	0.460
Glyphosate	ug/l	AS	9	8	0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	9	8	0	0.000	< 0.001	< 0.005	< 0.010
Heptachlor epoxide	ug/l	AS	9	8	0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	9	8	0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	76	76	0	0.000	7.120	7.514	7.950
Iron	ug Fe/l	S	76	76	1	1.316	1.723	23.746	242.500
Isoproturon	ug/l	AS	9	8	0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.417	0.589
Linuron	ug/l	AS	9	8	0	0.000	< 0.003	< 0.016	< 0.070
MCPA	ug/l	AS	9	8	0	0.000	0.005	0.033	0.079
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 2.885	20.050
Mecoprop	ug/l	AS	9	8	0	0.000	< 0.002	< 0.015	0.021
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.014	0.042
Metalaxyl	ug/l	AS	9	8	0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	9	8	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	1.024	1.274	2.279
Nitrate	mg NO3/l	S	8	8	0	0.000	0.196	1.054	2.226
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	0.013	0.028
Odour	Diln No	S	76	72	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8	0	0.000	< 0.002	< 0.009	< 0.030
Pesticides - Total Substances	ug/l	AS	9	8	0	0.000	< 0.050	< 0.078	0.151
Phorate	ug/l	AS	9	8	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	9	8	0	0.000	< 0.003	< 0.010	< 0.020

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Prometryn ug/l	AS	9	8		0	0.000	< 0.004	< 0.011	< 0.020
Propachlor ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	9	8		0	0.000	< 0.002	< 0.014	< 0.050
Prothioconazole ug/l	AS	9	8		0	0.000	< 0.006	< 0.009	< 0.030
Selenium ug/l Se	S	8	8		0	0.000	0.178	0.360	0.666
Simazine ug/l	AS	9	8		0	0.000	< 0.003	< 0.007	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	12.290	15.020	17.730
Taste Diln No	S	76	72		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	228	228		0	0.000	0.060	0.246	0.670
Total Trihalomethanes ug/l	S	8	8		0	0.000	33.905	50.883	67.516
Total coliforms No./100 ml	S	228	228		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	9	8		0	0.000	0.006	< 0.019	< 0.050
Trifluralin ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.010
Turbidity NTU	S	76	76		0	0.000	0.180	0.388	1.060

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 91435

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 12-NOV-2013 (W1701POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 11-APR-2013 (ZN0101AE) Iron = 243 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 - ZN0202 - Altnahinch Bushmills

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 38.861	111.000
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.010	0.019
Antimony	ug/l Sb	S	8	8		0	0.000	0.008	0.046	0.128
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.009	0.020
Bromate	ug/l	S	8	8		0	0.000	1.200	2.213	3.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.008	0.013	0.026
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	14.289	16.496	18.880
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.059	0.160	0.374
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.028	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.167	3.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.540	1.209	2.040
Conductivity	uS/cm 20 C	AS	36	36		0	0.000	127.000	178.194	223.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.005	0.031
Cyanide	ug/l	AS	8	8		0	0.000	< 0.300	< 1.625	2.400
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	0.019
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.008
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.005
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.031	0.058
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	84	84		0	0.000	0.040	0.304	1.100
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.008
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	0.005
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	7.010	7.476	8.740
Iron	ug Fe/l	S	36	36		3	8.333	1.823	65.540	314.000
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	0.077	0.409	0.930
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	< 0.010	< 0.012
Manganese	ug Mn/l	S	36	36		1	2.778	0.092	3.943	63.850
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.011
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.015	0.057
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.678	1.790	8.433
Nitrate	mg NO3/l	S	8	8		0	0.000	0.339	0.645	1.083
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	0.013	0.024
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

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills
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							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.070	0.207
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.198	< 0.200
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	8.621	10.656	11.461
Sulphate	mg SO4/l	AS	8	8	0	0.000	27.452	49.425	71.556
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.120	0.413	1.210
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	2.011	2.840
Total Trihalomethanes	ug/l	S	8	8	1	12.500	7.571	58.340	100.139
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	< 0.007	0.009
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.140	0.419	3.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31184

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 18-FEB-2013 (ZN0202AE) Iron = 314 ug Fe/.
 Sample failed 26-NOV-2013 (ZN0202AE) Iron = 277 ug Fe/.
 Sample failed 12-DEC-2013 (ZN0202AE) Iron = 260 ug Fe/.
 Sample failed 15-JAN-2013 (ZN0202AE) Manganese = 63.9 ug Mn.
 Sample failed 22-JUL-2013 (ZN0202AE) Total Trihalomethanes = 100.1 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

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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
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	< 0.010	< 0.016
2,4-DB	ug/l	AS	4	4	0	0.000	< 0.003	< 0.006	< 0.010
Aldrin	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Aluminium	ug Al/l	S	4	4	0	0.000	< 1.000	< 13.983	26.420
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	4	4	0	0.000	< 0.010	< 0.034	0.056
Arsenic	ug/l As	S	4	4	0	0.000	0.275	0.405	0.693
Asulam	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	4	4	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.031	0.064
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	< 0.001	< 0.018	0.048
Bromate	ug/l	S	4	4	0	0.000	< 0.300	< 0.875	2.600
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.003	< 0.005	< 0.007
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.053	0.136
Carbendazim	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	4	4	0	0.000	10.369	56.359	76.306
Chlorothalonil	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
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	0.071	0.251	0.457
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	0.250	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	1.100	1.538	2.690
Conductivity	uS/cm 20 C	AS	4	5	0	0.000	470.000	474.200	486.000
Copper	mg Cu/l	S	4	4	0	0.000	< 0.001	< 0.002	0.004
Cyanide	ug/l	AS	4	5	0	0.000	0.320	0.888	1.900
Cypermethrin	ug/l	AS	4	4	0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	4	4	0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Dichlorprop	ug/l	AS	4	4	0	0.000	< 0.003	< 0.005	0.009
Dieldrin	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
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	AS	4	4	0	0.000	0.030	0.041	0.056
Fluroxypyr	ug/l	AS	4	4	0	0.000	< 0.005	< 0.010	< 0.014
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.160	0.322	0.600
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Heptachlor epoxide	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Hydrogen Ion	pH value	S	4	4	0	0.000	7.210	7.973	8.640
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 30.075	58.730
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	0.056	0.374	0.808
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	< 0.010	0.013
Manganese	ug Mn/l	S	4	4	0	0.000	< 0.100	< 0.619	1.718
Mecoprop	ug/l	AS	4	4	0	0.000	< 0.003	< 0.006	0.010
Mercury	ug/l Hg	S	4	4	0	0.000	0.006	0.018	0.049
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
Nickel	ug Ni/l	S	4	4	0	0.000	0.122	0.621	1.220
Nitrate	mg NO3/l	S	4	4	0	0.000	0.240	0.408	0.632
Nitrite	mg NO2/l	S	4	4	0	0.000	< 0.010	< 0.012	0.019
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

WATER SUPPLY ZONE - ZN0204 - Rathlin Island
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
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
Prometryn	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.200	< 0.782	1.585
Simazine	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	4	4	0	0.000	10.933	56.867	103.431
Sulphate	mg SO4/l	AS	4	4	0	0.000	1.844	12.447	16.492
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.200	0.385	0.690
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	4	5	0	0.000	1.040	1.646	3.060
Total Trihalomethanes	ug/l	S	4	4	0	0.000	39.812	61.188	85.009
Total coliforms	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	4	4	0	0.000	< 0.004	< 0.006	< 0.008
Trifluralin	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	4	4	0	0.000	0.110	0.295	0.540

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 298

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24		0	0.000	< 1.000	< 28.189	124.200
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.010	< 0.010	< 0.019
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.057	0.127
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.312	0.393
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	0.011
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	0.020
Bromate	ug/l	S	8	8		0	0.000	0.940	1.855	3.200
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.015	0.024
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	8.403	11.948	13.872
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.051	0.245	0.414
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.250	6.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.520	1.181	2.640
Conductivity	uS/cm 20 C	AS	36	36		0	0.000	97.000	130.139	174.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.007	0.023
Cyanide	ug/l	AS	8	8		0	0.000	0.810	2.101	2.900
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	0.013
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.008
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	48	48		0	0.000	0.030	0.526	1.100
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	24	24		0	0.000	7.100	7.418	7.960
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 34.846	139.400
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	< 0.100	< 0.908	4.935
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	< 0.013	0.017
Manganese	ug Mn/l	S	24	24		0	0.000	0.072	2.574	22.340
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.009
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.011	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
Nickel	ug Ni/l	S	8	8		0	0.000	0.601	0.981	1.552
Nitrate	mg NO3/l	S	8	8		0	0.000	0.115	0.671	2.893
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	0.015	0.030
Odour	Diln No	S	24	25		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.051	0.057
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.327	0.712
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.873	12.113	18.563
Sulphate	mg SO4/l	AS	8	8	0	0.000	16.843	35.154	55.452
Taste	Diln No	S	24	25	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.070	0.649	1.180
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	0.190	1.295	2.350
Total Trihalomethanes	ug/l	S	8	8	1	12.500	20.450	62.483	111.535
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	< 0.007	0.010
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.130	0.368	0.820

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 30254

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 23-JUL-2013 (ZN0302AE) Total Trihalomethanes = 111.5 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	10		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32		0	0.000	< 0.004	< 0.022	< 0.060
2,4-DB	ug/l	AS	32	32		0	0.000	< 0.003	< 0.017	< 0.060
Aldrin	ug/l	AS	32	33		0	0.000	< 0.001	< 0.007	< 0.020
Aluminium	ug Al/l	S	36	38		0	0.000	< 1.000	< 20.473	63.900
Ammonium	mg NH4/l	S	36	37		0	0.000	0.008	0.010	0.018
Antimony	ug/l Sb	S	8	10		0	0.000	0.074	0.124	0.200
Arsenic	ug/l As	S	8	11		0	0.000	< 0.300	< 0.390	0.513
Asulam	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Bentazone	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Benzene	ug/l	S	8	10		0	0.000	< 0.020	< 0.022	0.035
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	11		0	0.000	< 0.001	< 0.012	0.023
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	32	32		0	0.000	< 0.003	< 0.011	< 0.040
Cadmium	ug/l Cd	S	8	11		0	0.000	< 0.010	< 0.025	0.063
Carbendazim	ug/l	AS	32	32		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	8	8		0	0.000	8.403	11.948	13.872
Chlorothalonil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.030
Chlorpyrifos	ug/l	AS	32	32		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	11		0	0.000	< 0.100	< 0.401	0.642
Clopyralid	ug/l	AS	32	32		0	0.000	< 0.006	< 0.022	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	401	401		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	38		0	0.000	0.000	7.421	214.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	38		0	0.000	0.000	6.368	138.000
Colour	mg/l Pt/Co	S	36	37		0	0.000	0.560	1.372	2.300
Conductivity	uS/cm 20 C	AS	36	37		0	0.000	97.000	135.865	342.000
Copper	mg Cu/l	S	8	10		0	0.000	< 0.001	< 0.014	0.076
Cyanide	ug/l	AS	32	32		0	0.000	< 0.500	< 2.625	4.500
Cypermethrin	ug/l	AS	32	32		0	0.000	< 0.001	< 0.011	< 0.080
Dicamba	ug/l	AS	32	32		0	0.000	< 0.007	< 0.026	< 0.080
Dichlobenil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Dieldrin	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
E. coli	No./100 ml	S	96	97		1	1.031	0.000	0.010	1.000
Enterococci	No./100ml	S	8	9		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	32	32		0	0.000	< 0.005	< 0.021	< 0.060
Free - Residual disinfectant	mg Cl/l	S	96	97		0	0.000	0.040	0.344	0.980
Glyphosate	ug/l	AS	32	32		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	39		0	0.000	6.800	7.538	8.010
Iron	ug Fe/l	S	36	38		0	0.000	< 2.000	< 11.629	92.220
Isoproturon	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Lead	ug Pb/l	S	8	10		0	0.000	< 0.100	< 0.393	0.875
Linuron	ug/l	AS	32	32		0	0.000	< 0.003	< 0.019	< 0.070
MCPA	ug/l	AS	32	32		0	0.000	0.010	0.027	0.052
Manganese	ug Mn/l	S	36	38		0	0.000	< 0.100	< 0.974	5.989
Mecoprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.015	< 0.040
Mercury	ug/l Hg	S	8	10		0	0.000	0.006	0.019	0.041
Metalaxyl	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.020
Metoxuron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	9		0	0.000	1.036	1.185	1.723
Nitrate	mg NO3/l	S	8	10		0	0.000	0.171	1.389	3.593
Nitrite	mg NO2/l	S	8	9		0	0.000	0.008	0.010	0.014
Odour	Diln No	S	36	38		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	< 0.002	< 0.010	< 0.030

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.070	0.155
Phorate	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.030
Prometryn	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.020
Propachlor	ug/l	AS	32	32	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.030
Propyzamide	ug/l	AS	32	32	0	0.000	< 0.002	< 0.017	< 0.050
Prothioconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.006	< 0.006
Selenium	ug/l Se	S	8	11	0	0.000	0.154	0.395	0.835
Simazine	ug/l	AS	32	32	0	0.000	< 0.003	< 0.008	< 0.030
Sodium	mg Na/l	S	8	9	0	0.000	15.850	18.460	21.011
Sulphate	mg SO4/l	AS	8	8	0	0.000	16.843	35.154	55.452
Taste	Diln No	S	36	32	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	10	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	10	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	97	0	0.000	0.080	0.540	1.210
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	0.190	1.295	2.350
Total Trihalomethanes	ug/l	S	8	10	0	0.000	42.342	58.315	77.025
Total coliforms	No./100 ml	S	96	97	4	4.124	0.000	0.041	1.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.004	< 0.019	< 0.060
Trifluralin	ug/l	AS	32	32	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	37	0	0.000	0.190	0.357	0.770

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39224

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 22-APR-2013 (ZN0303AE) E. coli = 1 No./100.
 Sample failed 22-APR-2013 (ZN0303AE) Total coliforms = 1 No./100.
 Sample failed 13-AUG-2013 (ZN0303AE) Total coliforms = 1 No./100.
 Sample failed 10-SEP-2013 (ZN0303AE) Total coliforms = 1 No./100.
 Sample failed 07-OCT-2013 (ZN0303AE) 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 - ZN0305 - Dungonnell Ahoghill

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.052	< 0.094	< 0.100
2,4-D	ug/l	AS	32	32		0	0.000	< 0.004	< 0.022	< 0.060
2,4-DB	ug/l	AS	32	32		0	0.000	< 0.003	< 0.017	< 0.060
Aldrin	ug/l	AS	32	33		0	0.000	< 0.001	< 0.007	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	< 1.000	< 25.480	62.600
Ammonium	mg NH4/l	S	24	24		0	0.000	0.007	0.010	0.012
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.078	0.145
Arsenic	ug/l As	S	8	8		0	0.000	0.251	< 0.294	< 0.300
Asulam	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Bentazone	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.012	0.026
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.944	1.700
Bromoxynil	ug/l	AS	32	32		0	0.000	< 0.003	< 0.011	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.010	0.031	0.094
Carbendazim	ug/l	AS	32	32		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	8	8		0	0.000	8.403	11.948	13.872
Chlorothalonil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.030
Chlorpyrifos	ug/l	AS	32	32		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.090	0.252	0.446
Clopyralid	ug/l	AS	32	32		0	0.000	< 0.006	< 0.022	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	401	401		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.125	3.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.550	1.329	2.260
Conductivity	uS/cm 20 C	AS	36	36		0	0.000	97.000	130.139	174.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.033	0.112
Cyanide	ug/l	AS	32	32		0	0.000	< 0.500	< 2.625	4.500
Cypermethrin	ug/l	AS	32	32		0	0.000	< 0.001	< 0.011	< 0.080
Dicamba	ug/l	AS	32	32		0	0.000	< 0.007	< 0.026	< 0.080
Dichlobenil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Dieldrin	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
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	32	32		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	32	32		0	0.000	< 0.005	< 0.021	< 0.060
Free - Residual disinfectant	mg Cl/l	S	48	48		0	0.000	0.020	0.285	1.160
Glyphosate	ug/l	AS	32	32		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	24	24		0	0.000	7.090	7.532	8.600
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 24.789	99.990
Isoproturon	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.054	0.799	4.374
Linuron	ug/l	AS	32	32		0	0.000	< 0.003	< 0.019	< 0.070
MCPA	ug/l	AS	32	32		0	0.000	0.010	0.027	0.052
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.295	8.728
Mecoprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.015	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.008	0.016	0.035
Metalaxyl	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.020
Metoxuron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.651	1.519	4.783
Nitrate	mg NO3/l	S	8	8		0	0.000	0.069	0.385	1.146
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	0.011	0.018
Odour	Diln No	S	24	23		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	< 0.002	< 0.010	< 0.030

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	AS	32	32		0	0.000	< 0.050	< 0.070	0.155
Phorate	AS	32	32		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.030
Prometryn	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Propachlor	AS	32	32		0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.030
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.017	< 0.050
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.190	0.267	0.419
Simazine	AS	32	32		0	0.000	< 0.003	< 0.008	< 0.030
Sodium	S	8	8		0	0.000	5.545	9.565	15.408
Sulphate	AS	8	8		0	0.000	16.843	35.154	55.452
Taste	S	24	23		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	48		0	0.000	0.040	0.378	1.230
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.190	1.295	2.350
Total Trihalomethanes	S	8	8		1	12.500	28.841	56.156	103.713
Total coliforms	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.019	< 0.060
Trifluralin	AS	32	32		0	0.000	< 0.001	< 0.005	< 0.010
Tritium	AS	2	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.190	0.325	0.740

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4271

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 23-SEP-2013 (ZN0305AE) Total Trihalomethanes = 103.7 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.112	0.197
2,4-D	ug/l	AS	25	24		0	0.000	< 0.004	< 0.025	< 0.060
2,4-DB	ug/l	AS	25	24		0	0.000	< 0.003	< 0.020	< 0.060
Aldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 19.602	79.760
Ammonium	mg NH4/l	S	52	52		0	0.000	0.007	0.010	0.016
Antimony	ug/l Sb	S	8	8		0	0.000	0.084	0.131	0.229
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.376	0.495
Asulam	ug/l	AS	25	24		0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.028	0.081
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	0.031
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	25	24		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.016	0.030
Carbendazim	ug/l	AS	25	24		0	0.000	< 0.001	< 0.004	< 0.015
Chlorothalonil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.010	< 0.010
Chlorotoluron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.011	< 0.030
Chlorpyrifos	ug/l	AS	25	24		0	0.000	< 0.003	< 0.012	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.190	0.367	0.526
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.006	< 0.027	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	367	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	1.192	33.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.212	8.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.650	1.426	2.330
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.009
Cyanide	ug/l	AS	25	24		0	0.000	< 0.500	< 2.800	4.500
Cypermethrin	ug/l	AS	25	24		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	25	24		0	0.000	< 0.007	< 0.032	< 0.080
Dichlobenil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	25	24		0	0.000	< 0.003	< 0.016	< 0.050
Dieldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Fluroxypyr	ug/l	AS	25	24		0	0.000	< 0.006	< 0.024	< 0.060
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.020	0.354	0.890
Glyphosate	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.030
Heptachlor	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.140	7.522	8.060
Iron	ug Fe/l	S	52	52		0	0.000	1.727	16.161	94.400
Isoproturon	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.051	0.356	0.635
Linuron	ug/l	AS	25	24		0	0.000	< 0.003	< 0.023	< 0.070
MCPA	ug/l	AS	25	24		0	0.000	0.010	0.031	0.052
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 1.233	10.900
Mecoprop	ug/l	AS	25	24		0	0.000	0.007	< 0.017	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.010	0.012
Metalaxyl	ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	1.056	1.325	1.653
Nitrate	mg NO3/l	S	8	8		0	0.000	0.202	1.508	2.977
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.014	0.023
Odour	Diln No	S	52	50		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.012	< 0.030
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	< 0.050	< 0.077	0.155
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples conraven ing PCV	% of samples conraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Prometryn ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Propachlor ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	25	24		0	0.000	< 0.002	< 0.019	< 0.050
Prothioconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.368	0.849
Simazine ug/l	AS	25	24		0	0.000	< 0.003	< 0.010	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	16.048	17.938	19.225
Taste Diln No	S	52	50		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.226	0.405
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	0.060	0.545	1.010
Total Trihalomethanes ug/l	S	8	8		0	0.000	47.400	55.476	70.258
Total coliforms No./100 ml	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	25	24		0	0.000	< 0.004	< 0.023	< 0.060
Trifluralin ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	52	52		0	0.000	0.180	0.368	0.820

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61940

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 36.627	105.400
Ammonium	mg NH4/l	S	52	52		0	0.000	< 0.010	< 0.011	0.062
Antimony	ug/l Sb	S	8	8		0	0.000	0.016	0.052	0.066
Arsenic	ug/l As	S	8	8		0	0.000	0.283	0.308	0.362
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	9		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.008	0.022
Bromate	ug/l	S	8	8		0	0.000	0.360	1.244	2.000
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.013	0.024
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	9		0	0.000	12.783	15.233	18.924
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.113	0.209	0.440
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
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	8.558	242.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	2.442	84.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.570	1.202	2.420
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	143.000	167.500	248.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.013	0.028
Cyanide	ug/l	AS	8	9		0	0.000	< 0.300	< 2.574	11.000
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	0.013
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	132	132		1	0.758	0.000	0.008	1.000
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	AS	8	9		0	0.000	< 0.024	< 0.026	0.038
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	132	132		0	0.000	0.020	0.399	1.390
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	52	52		0	0.000	6.960	7.599	8.820
Iron	ug Fe/l	S	52	52		5	9.615	< 2.000	< 81.717	403.400
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	0.093	0.405	0.728
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	0.013
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.599	11.410
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.007	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	0.014	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
Nickel	ug Ni/l	S	8	8		0	0.000	0.617	1.091	1.736
Nitrate	mg NO3/l	S	8	8		0	0.000	0.811	1.067	1.379
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.011	0.015
Odour	Diln No	S	52	49		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	< 0.006	0.019

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	0.288	0.494
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	8.225	9.634	11.845
Sulphate	mg SO4/l	AS	8	9	0	0.000	30.566	38.311	48.151
Taste	Diln No	S	52	49	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	9	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.080	0.502	1.480
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	0.193	1.368	2.120
Total Trihalomethanes	ug/l	S	8	9	0	0.000	32.574	48.309	72.998
Total coliforms	No./100 ml	S	132	132	1	0.758	0.000	0.008	1.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.008
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.150	0.436	3.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51304

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 17-MAY-2013 (ZN0402AE) E. coli = 1 No./100.
 Sample failed 04-FEB-2013 (ZN0402AE) Iron = 216 ug Fe/.
 Sample failed 22-APR-2013 (ZN0402AE) Iron = 338 ug Fe/.
 Sample failed 22-JUL-2013 (ZN0402AE) Iron = 403 ug Fe/.
 Sample failed 16-SEP-2013 (ZN0402AE) Iron = 357 ug Fe/.
 Sample failed 25-NOV-2013 (ZN0402AE) Iron = 310 ug Fe/.
 Sample failed 17-MAY-2013 (ZN0402AE) 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 - ZN0501 - Moyola Magherafelt

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	17	16		0	0.000	< 0.004	< 0.015	< 0.050
2,4-DB	ug/l	AS	17	16		0	0.000	< 0.003	< 0.011	< 0.050
Aldrin	ug/l	AS	17	16		0	0.000	< 0.001	< 0.004	< 0.020
Aluminium	ug Al/l	S	36	36		1	2.778	8.292	36.848	209.200
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	0.025
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.103	0.166
Arsenic	ug/l As	S	8	8		0	0.000	0.259	0.351	0.485
Asulam	ug/l	AS	17	16		0	0.000	< 0.004	< 0.008	< 0.050
Bentazone	ug/l	AS	17	16		0	0.000	< 0.002	< 0.004	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.026	0.066
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	0.013	0.027
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.714	1.500
Bromoxynil	ug/l	AS	17	16		0	0.000	< 0.003	< 0.007	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.021	0.068
Carbendazim	ug/l	AS	17	16		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	9	9		0	0.000	9.915	10.641	12.444
Chlorothalonil	ug/l	AS	17	16		0	0.000	< 0.001	< 0.008	< 0.010
Chlorotoluron	ug/l	AS	17	16		0	0.000	< 0.002	< 0.004	< 0.020
Chlorpyrifos	ug/l	AS	17	16		0	0.000	< 0.003	< 0.007	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.321	0.473	0.697
Clopyralid	ug/l	AS	17	16		0	0.000	< 0.006	< 0.018	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	106	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.056	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.333	7.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.500	1.273	2.380
Conductivity	uS/cm 20 C	AS	54	52		0	0.000	113.000	138.077	414.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.007	0.025
Cyanide	ug/l	AS	17	17		0	0.000	< 0.500	< 2.929	10.000
Cypermethrin	ug/l	AS	17	16		0	0.000	< 0.001	< 0.008	< 0.010
Dicamba	ug/l	AS	17	16		0	0.000	< 0.007	< 0.017	< 0.080
Dichlobenil	ug/l	AS	17	16		0	0.000	< 0.001	< 0.004	< 0.010
Dichlorprop	ug/l	AS	17	16		0	0.000	< 0.003	< 0.008	< 0.040
Dieldrin	ug/l	AS	17	16		0	0.000	< 0.002	< 0.005	< 0.020
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	17	16		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	17	16		0	0.000	< 0.004	< 0.008	< 0.020
Fluoride	mg F/l	AS	9	9		0	0.000	< 0.024	< 0.025	0.030
Fluroxypyr	ug/l	AS	17	16		0	0.000	< 0.005	< 0.016	< 0.060
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	< 0.020	< 0.313	0.900
Glyphosate	ug/l	AS	17	16		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	17	16		0	0.000	< 0.001	< 0.005	< 0.010
Heptachlor epoxide	ug/l	AS	17	16		0	0.000	< 0.002	< 0.004	< 0.020
Hexachlorobenzene	ug/l	AS	17	16		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.400	7.649	7.870
Iron	ug Fe/l	S	36	36		2	5.556	< 2.000	< 48.764	738.900
Isoproturon	ug/l	AS	17	16		0	0.000	< 0.002	< 0.004	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.063	0.319	0.539
Linuron	ug/l	AS	17	16		0	0.000	< 0.003	< 0.008	< 0.030
MCPA	ug/l	AS	17	16		0	0.000	< 0.004	< 0.024	0.072
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 2.213	12.250
Mecoprop	ug/l	AS	17	16		0	0.000	< 0.002	< 0.012	0.024
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.020	0.052
Metalaxyl	ug/l	AS	17	16		0	0.000	< 0.002	< 0.006	< 0.020
Metoxuron	ug/l	AS	17	16		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.971	1.358	2.418
Nitrate	mg NO3/l	S	8	8		0	0.000	0.112	2.022	4.605
Nitrite	mg NO2/l	S	8	8		0	0.000	0.017	0.024	0.035
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	17	16		0	0.000	< 0.002	< 0.006	< 0.020

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	17	16	0	0.000	< 0.050	< 0.065	0.163
Phorate	ug/l	AS	17	16	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	17	16	0	0.000	< 0.003	< 0.007	< 0.020
Prometryn	ug/l	AS	17	16	0	0.000	< 0.004	< 0.007	< 0.020
Propachlor	ug/l	AS	17	16	0	0.000	< 0.002	< 0.006	< 0.020
Propiconazole	ug/l	AS	17	16	0	0.000	< 0.002	< 0.004	< 0.020
Propyzamide	ug/l	AS	17	16	0	0.000	< 0.002	< 0.010	< 0.020
Prothioconazole	ug/l	AS	17	16	0	0.000	< 0.006	< 0.007	< 0.020
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.386	0.675
Simazine	ug/l	AS	17	16	0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	14.432	16.572	19.074
Sulphate	mg SO4/l	AS	9	9	0	0.000	34.851	37.983	42.783
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	17	16	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.030	0.486	1.280
Total Indicative Dose	mSv/year	AS	3	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	9	8	0	0.000	0.145	1.245	2.120
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.521	46.370	75.567
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	17	16	0	0.000	< 0.004	< 0.013	< 0.050
Trifluralin	ug/l	AS	17	16	0	0.000	< 0.001	< 0.004	< 0.010
Tritium	Bq/l	AS	3	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.150	0.493	3.690

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41786

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 21-JAN-2013 (ZN0501AE) Aluminium = 209 ug Al/.
 Sample failed 21-JAN-2013 (ZN0501AE) Iron = 739 ug Fe/.
 Sample failed 20-FEB-2013 (ZN0501AE) Iron = 533 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 - ZN0502 - Lough Fea Cookstown

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.012	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.007	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24		0	0.000	4.905	21.369	64.800
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.010	< 0.010	0.017
Antimony	ug/l Sb	S	8	8		0	0.000	0.058	0.131	0.231
Arsenic	ug/l As	S	8	8		0	0.000	0.261	0.308	0.396
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
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	< 0.013	0.025
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.030	0.098
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	9		0	0.000	9.915	10.641	12.444
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.068	0.147	0.271
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
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	0.458	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.590	1.220	2.010
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	113.000	138.077	414.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.033	0.107
Cyanide	ug/l	AS	8	9		0	0.000	1.100	3.111	10.000
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	9		0	0.000	< 0.024	< 0.025	0.030
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.011	< 0.014
Free - Residual disinfectant	mg Cl/l	S	60	60		0	0.000	< 0.020	< 0.417	1.180
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	24	24		0	0.000	7.000	7.252	7.810
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 23.783	170.200
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.317	0.551	0.889
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	< 0.014	0.020
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.031	25.020
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	0.019
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.022	0.052
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.262	1.060	2.411
Nitrate	mg NO3/l	S	8	8		0	0.000	0.054	0.341	0.610
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.010	0.011
Odour	Diln No	S	24	23		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	0.005

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	0.052
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.311	0.714
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	4.414	5.471	5.801
Sulphate	mg SO4/l	AS	8	9	0	0.000	34.851	37.983	42.783
Taste	Diln No	S	24	23	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.020	< 0.493	1.320
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	0.145	1.245	2.120
Total Trihalomethanes	ug/l	S	8	8	0	0.000	25.746	40.846	56.079
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.008
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
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	0.298	0.640

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23843

This zone has a surface water source :R1302

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	16		0	0.000	< 0.004	< 0.015	< 0.050
2,4-DB	ug/l	AS	16	16		0	0.000	< 0.003	< 0.011	< 0.050
Aldrin	ug/l	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	1.998	25.895	53.290
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.010	< 0.011	0.023
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.076	0.124
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.314	0.393
Asulam	ug/l	AS	16	16		0	0.000	< 0.004	< 0.008	< 0.050
Bentazone	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.013	0.024
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.630	1.100
Bromoxynil	ug/l	AS	16	16		0	0.000	< 0.003	< 0.007	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.014	0.024
Carbendazim	ug/l	AS	16	16		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	8	9		0	0.000	9.915	10.641	12.444
Chlorothalonil	ug/l	AS	16	16		0	0.000	< 0.001	< 0.008	< 0.010
Chlorotoluron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Chlorpyrifos	ug/l	AS	16	16		0	0.000	< 0.003	< 0.007	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.114	0.277	0.384
Clopyralid	ug/l	AS	16	16		0	0.000	< 0.006	< 0.018	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.208	2.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.510	1.211	2.230
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	113.000	138.077	414.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.032	0.205
Cyanide	ug/l	AS	16	17		0	0.000	< 0.500	< 2.929	10.000
Cypermethrin	ug/l	AS	16	16		0	0.000	< 0.001	< 0.008	< 0.010
Dicamba	ug/l	AS	16	16		0	0.000	< 0.007	< 0.017	< 0.080
Dichlobenil	ug/l	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.010
Dichlorprop	ug/l	AS	16	16		0	0.000	< 0.003	< 0.008	< 0.040
Dieldrin	ug/l	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.020
E. coli	No./100 ml	S	48	49		1	2.041	0.000	0.286	14.000
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	< 0.008	< 0.020
Fluoride	mg F/l	AS	8	9		0	0.000	< 0.024	< 0.025	0.030
Fluroxypyr	ug/l	AS	16	16		0	0.000	< 0.005	< 0.016	< 0.060
Free - Residual disinfectant	mg Cl/l	S	48	49		0	0.000	< 0.020	< 0.249	0.810
Glyphosate	ug/l	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.010
Heptachlor epoxide	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Hexachlorobenzene	ug/l	AS	16	16		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	24	24		0	0.000	7.120	7.572	7.810
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 22.229	91.520
Isoproturon	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.086	0.296	0.885
Linuron	ug/l	AS	16	16		0	0.000	< 0.003	< 0.008	< 0.030
MCPA	ug/l	AS	16	16		0	0.000	< 0.004	< 0.024	0.072
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.477	25.060
Mecoprop	ug/l	AS	16	16		0	0.000	< 0.002	< 0.012	0.024
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.012	0.018
Metalaxyl	ug/l	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.020
Metoxuron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.845	2.089	7.373
Nitrate	mg NO3/l	S	8	8		0	0.000	0.213	1.511	3.254
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.018	0.033
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	< 0.002	< 0.006	< 0.020

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.065	0.163
Phorate	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	16	16	0	0.000	< 0.003	< 0.007	< 0.020
Prometryn	ug/l	AS	16	16	0	0.000	< 0.004	< 0.007	< 0.020
Propachlor	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.020
Propiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.020
Propyzamide	ug/l	AS	16	16	0	0.000	< 0.002	< 0.010	< 0.020
Prothioconazole	ug/l	AS	16	16	0	0.000	< 0.006	< 0.007	< 0.020
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.292	0.506
Simazine	ug/l	AS	16	16	0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	10.638	12.948	14.447
Sulphate	mg SO4/l	AS	8	9	0	0.000	34.851	37.983	42.783
Taste	Diln No	S	24	23	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	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	48	49	0	0.000	0.060	0.381	1.010
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	0.145	1.245	2.120
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.854	48.570	72.317
Total coliforms	No./100 ml	S	48	49	1	2.041	0.000	0.286	14.000
Triclopyr	ug/l	AS	16	16	0	0.000	< 0.004	< 0.013	< 0.050
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.160	0.329	0.640

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19381

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 04-JUN-2013 (ZN0504AE) E. coli = 14 No./100.

Sample failed 04-JUN-2013 (ZN0504AE) Total coliforms = 14 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.004	< 0.018	< 0.050
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	7.333	31.690	62.390
Ammonium	mg NH4/l	S	24	24		0	0.000	0.008	0.010	0.014
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.054	0.087
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.308	0.366
Asulam	ug/l	AS	9	8		0	0.000	< 0.004	< 0.011	< 0.050
Bentazone	ug/l	AS	9	8		0	0.000	< 0.002	< 0.005	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.031	0.092
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	< 0.014	0.035
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 1.714	4.800
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.023	0.051
Carbendazim	ug/l	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Chlorothalonil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.008	< 0.010
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.030
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.003	< 0.009	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.081	0.248	0.412
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.006	< 0.029	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105		1	0.952	0.000	0.010	1.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	2.833	68.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.700	1.236	3.910
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.005	0.012
Cyanide	ug/l	AS	9	9		0	0.000	< 0.500	< 3.067	< 4.000
Cypermethrin	ug/l	AS	9	8		0	0.000	< 0.001	< 0.007	< 0.010
Dicamba	ug/l	AS	9	8		0	0.000	< 0.007	< 0.024	< 0.080
Dichlobenil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.020
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	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.004	< 0.011	< 0.020
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.006	< 0.020	< 0.060
Free - Residual disinfectant	mg Cl/l	S	48	48		0	0.000	0.100	0.342	0.800
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Heptachlor epoxide	ug/l	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	9	8		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	24	24		0	0.000	7.270	7.555	7.880
Iron	ug Fe/l	S	24	24		0	0.000	1.691	30.255	104.800
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.170	0.536	0.771
Linuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.016	< 0.070
MCPA	ug/l	AS	9	8		0	0.000	0.005	0.033	0.079
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 3.436	10.360
Mecoprop	ug/l	AS	9	8		0	0.000	< 0.002	< 0.015	0.021
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.012	0.027
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.146	1.334	3.881
Nitrate	mg NO3/l	S	8	8		0	0.000	0.267	1.008	2.005
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.015	0.037
Odour	Diln No	S	24	23		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.030
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	< 0.050	< 0.078	0.151
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.003	< 0.010	< 0.020

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Prometryn ug/l	AS	9	8		0	0.000	< 0.004	< 0.011	< 0.020
Propachlor ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	9	8		0	0.000	< 0.002	< 0.014	< 0.050
Prothioconazole ug/l	AS	9	8		0	0.000	< 0.006	< 0.009	< 0.030
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.263	0.544
Simazine ug/l	AS	9	8		0	0.000	< 0.003	< 0.007	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	12.566	14.334	17.068
Taste Diln No	S	24	23		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.234	0.472
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	0.190	0.420	0.850
Total Trihalomethanes ug/l	S	8	8		0	0.000	17.300	47.538	67.156
Total coliforms No./100 ml	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	9	8		0	0.000	0.006	< 0.019	< 0.050
Trifluralin ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.010
Turbidity NTU	S	24	24		0	0.000	0.160	0.358	1.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 20073

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 12-NOV-2013 (W1701POUT) 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 - ZN0603 - Carmoney Eglinton

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.065	< 0.096	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.013	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	1.699	26.440	81.700
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	< 0.025
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.042	0.065
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.368	0.666
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.025
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.001	0.009	0.020
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 2.350	5.000
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.014	0.022
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	16.815	21.150	24.504
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.109	0.231	0.505
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
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	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.472	17.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.520	1.021	2.450
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	181.000	243.743	348.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.001	0.001
Cyanide	ug/l	AS	8	9		0	0.000	0.960	2.840	6.700
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.012
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.027	0.040
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.080	0.361	0.900
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	7.220	7.564	8.400
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 33.902	189.900
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.070	0.339	0.713
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	< 0.018	0.028
Manganese	ug Mn/l	S	36	36		0	0.000	0.087	3.859	23.680
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.010	0.021
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.009	< 0.010
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.547	2.341	11.340
Nitrate	mg NO3/l	S	8	8		0	0.000	0.615	1.800	5.452
Nitrite	mg NO2/l	S	8	8		0	0.000	0.009	0.012	0.026
Odour	Diln No	S	36	35		1	2.703	0.000	0.081	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	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.442	1.323
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	12.227	14.005	17.087
Sulphate	mg SO4/l	AS	8	8	0	0.000	31.083	49.270	74.244
Taste	Diln No	S	36	34	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.120	0.447	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	AS	8	9	0	0.000	0.889	1.744	2.300
Total Trihalomethanes	ug/l	S	8	8	0	0.000	38.138	55.244	73.273
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.010
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.140	0.355	0.910

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50728

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 25-JUN-2013 (ZN0603AE) 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 - ZN0604 - Caugh Hill Dungiven

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.078	< 0.097	< 0.100
2,4-D	ug/l	AS	16	16		0	0.000	< 0.004	< 0.015	< 0.050
2,4-DB	ug/l	AS	16	16		0	0.000	< 0.003	< 0.011	< 0.050
Aldrin	ug/l	AS	16	17		0	0.000	< 0.001	< 0.004	< 0.020
Aluminium	ug Al/l	S	52	52		0	0.000	7.938	32.438	91.710
Ammonium	mg NH4/l	S	52	52		0	0.000	0.005	0.011	0.025
Antimony	ug/l Sb	S	8	9		0	0.000	< 0.010	< 0.042	0.096
Arsenic	ug/l As	S	8	9		0	0.000	< 0.300	< 0.305	0.343
Asulam	ug/l	AS	16	16		0	0.000	< 0.004	< 0.008	< 0.050
Bentazone	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.024	0.049
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	0.002
Boron	mg/l B	S	8	9		0	0.000	< 0.001	< 0.009	0.024
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 3.888	5.600
Bromoxynil	ug/l	AS	16	16		0	0.000	< 0.003	< 0.007	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.043	0.175
Carbendazim	ug/l	AS	16	16		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	8	8		0	0.000	17.736	22.458	29.126
Chlorothalonil	ug/l	AS	16	16		0	0.000	< 0.001	< 0.008	< 0.010
Chlorotoluron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.030
Chlorpyrifos	ug/l	AS	16	16		0	0.000	< 0.003	< 0.007	< 0.030
Chromium	ug/l Cr	S	8	9		0	0.000	< 0.100	< 0.235	0.417
Clopyralid	ug/l	AS	16	16		0	0.000	< 0.006	< 0.018	< 0.080
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	104	105		1	0.952	0.000	0.010	1.000
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	0.580	0.987	1.820
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	160.000	230.305	315.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.002	0.004
Cyanide	ug/l	AS	16	17		0	0.000	< 0.500	< 2.549	5.200
Cypermethrin	ug/l	AS	16	16		0	0.000	< 0.001	< 0.008	< 0.010
Dicamba	ug/l	AS	16	16		0	0.000	< 0.007	< 0.016	< 0.080
Dichlobenil	ug/l	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.010
Dichlorprop	ug/l	AS	16	16		0	0.000	< 0.003	< 0.008	< 0.040
Dieldrin	ug/l	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.020
E. coli	No./100 ml	S	180	180		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	< 0.008	< 0.020
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.029	0.053
Fluroxypyr	ug/l	AS	16	16		0	0.000	< 0.005	< 0.016	< 0.060
Free - Residual disinfectant	mg Cl/l	S	180	180		0	0.000	< 0.020	< 0.314	0.960
Glyphosate	ug/l	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.010
Heptachlor epoxide	ug/l	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	6.730	7.530	8.700
Iron	ug Fe/l	S	52	52		0	0.000	1.835	29.806	164.300
Isoproturon	ug/l	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.086	0.562	2.397
Linuron	ug/l	AS	16	16		0	0.000	< 0.003	< 0.011	< 0.070
MCPA	ug/l	AS	16	16		0	0.000	< 0.004	< 0.022	0.079
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.592	12.050
Mecoprop	ug/l	AS	16	16		0	0.000	< 0.002	< 0.010	0.021
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.018	0.037
Metalaxyl	ug/l	AS	16	16		0	0.000	< 0.002	< 0.007	< 0.020
Metoxuron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.620	1.877	7.649
Nitrate	mg NO3/l	S	8	8		0	0.000	0.538	0.777	1.236
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.013	0.018
Odour	Diln No	S	52	50		1	1.923	0.000	0.077	4.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Pendimethalin	AS	16	16		0	0.000	< 0.002	< 0.007	< 0.030
Pesticides - Total Substances	AS	16	16		0	0.000	< 0.050	< 0.064	0.151
Phorate	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	AS	16	16		0	0.000	< 0.003	< 0.007	< 0.020
Prometryn	AS	16	16		0	0.000	< 0.004	< 0.008	< 0.020
Propachlor	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.020
Propiconazole	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	AS	16	16		0	0.000	< 0.002	< 0.012	< 0.050
Prothioconazole	AS	16	16		0	0.000	< 0.006	< 0.007	< 0.030
Selenium	S	8	9		0	0.000	0.192	0.253	0.485
Simazine	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.030
Sodium	S	8	8		0	0.000	11.698	13.635	14.873
Sulphate	AS	8	8		0	0.000	44.914	67.653	91.498
Taste	S	52	50		1	1.923	0.000	0.077	4.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.203	0.220
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.149	0.495
Total - Residual disinfectant	S	180	180		0	0.000	0.090	0.393	1.100
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.977	1.522	2.010
Total Trihalomethanes	S	8	8		0	0.000	35.568	56.535	75.801
Total coliforms	S	180	180		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.013	< 0.050
Trifluralin	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.010
Tritium	AS	2	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.140	0.319	0.640

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 15545

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 12-NOV-2013 (W1701POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 04-NOV-2013 (ZN0604AE) Odour = 4 Diln No.

Sample failed 04-NOV-2013 (ZN0604AE) 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 - ZN0605 - Creggan Derry

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	16		0	0.000	< 0.004	< 0.013	< 0.016
2,4-DB	ug/l	AS	16	16		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	16	17		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	12	12		0	0.000	6.537	25.556	38.690
Ammonium	mg NH4/l	S	12	12		0	0.000	0.005	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.051	0.088
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.030
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.011	0.029
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 4.225	6.700
Bromoxynil	ug/l	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.042	0.160
Carbendazim	ug/l	AS	16	16		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	16	16		0	0.000	16.815	21.804	29.126
Chlorothalonil	ug/l	AS	16	16		0	0.000	< 0.006	< 0.009	< 0.010
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	0.150	0.250	0.325
Clopyralid	ug/l	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	208	209		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12		0	0.000	0.500	0.930	1.910
Conductivity	uS/cm 20 C	AS	208	210		0	0.000	160.000	237.024	348.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.005	0.016
Cyanide	ug/l	AS	16	17		0	0.000	0.840	2.429	6.700
Cypermethrin	ug/l	AS	16	16		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	16	16		0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	16	16		0	0.000	< 0.003	< 0.005	0.012
Dieldrin	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
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	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	16	16		0	0.000	< 0.004	< 0.005	0.017
Fluoride	mg F/l	AS	16	16		0	0.000	< 0.024	< 0.028	0.053
Fluroxypyr	ug/l	AS	16	16		0	0.000	< 0.005	< 0.011	< 0.014
Free - Residual disinfectant	mg Cl/l	S	24	24		0	0.000	0.050	0.222	0.440
Glyphosate	ug/l	AS	16	16		0	0.000	< 0.003	< 0.004	0.005
Heptachlor	ug/l	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	16	16		0	0.000	< 0.002	< 0.003	0.016
Hexachlorobenzene	ug/l	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	12	12		0	0.000	7.220	7.536	7.830
Iron	ug Fe/l	S	12	12		0	0.000	< 2.000	< 32.575	169.900
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	< 0.528	1.348
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	< 0.014	0.028
Manganese	ug Mn/l	S	12	12		0	0.000	< 0.100	< 3.133	15.650
Mecoprop	ug/l	AS	16	16		0	0.000	< 0.003	< 0.008	0.021
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.013	0.038
Metalaxyl	ug/l	AS	16	16		0	0.000	< 0.005	< 0.005	0.007
Metoxuron	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.631	1.199	3.361
Nitrate	mg NO3/l	S	8	8		0	0.000	0.569	0.784	1.030
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	0.012	0.026
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	16	16		0	0.000	< 0.004	< 0.005	0.019

WATER SUPPLY ZONE - ZN0605 - Creggan Derry

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Pesticides - Total Substances	AS	16	16		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Prometryn	AS	16	16		0	0.000	< 0.004	< 0.005	0.017
Propachlor	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Propyzamide	AS	16	16		0	0.000	< 0.010	< 0.010	< 0.010
Prothiconazole	AS	16	16		0	0.000	< 0.006	< 0.006	0.007
Selenium	S	8	8		0	0.000	< 0.200	< 0.227	0.293
Simazine	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Sodium	S	8	8		0	0.000	12.698	14.269	15.945
Sulphate	AS	16	16		0	0.000	31.083	58.462	91.498
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	24	24		0	0.000	0.110	0.305	0.490
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	16	17		0	0.000	0.889	1.640	2.300
Total Trihalomethanes	S	8	8		0	0.000	42.071	62.783	91.514
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.007	0.011
Trifluralin	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.008
Tritium	AS	2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	12	12		0	0.000	0.160	0.323	0.820

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 6631

This zone has a surface water source :R4301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0701 - Derg Strabane

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.012	0.017
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.007	0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 17.194	67.230
Ammonium	mg NH4/l	S	36	36		0	0.000	0.010	0.010	0.010
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.035	0.052
Arsenic	ug/l As	S	8	8		0	0.000	0.277	0.416	0.810
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.015	0.032
Bromate	ug/l	S	8	8		0	0.000	1.500	2.338	3.100
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.013	0.040
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	16.574	21.842	33.028
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.075	0.201	0.413
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	53		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.056	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	0.560	1.285	2.820
Conductivity	uS/cm 20 C	AS	52	53		0	0.000	155.000	203.000	285.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.005	0.025
Cyanide	ug/l	AS	8	8		0	0.000	0.770	4.096	7.400
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.011
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.029	0.050
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.011	< 0.014
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	< 0.020	< 0.419	0.980
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	7.060	7.557	8.210
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 16.353	157.300
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.433	0.859
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		1	12.500	< 0.012	< 0.046	0.150
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 1.284	12.720
Mecoprop	ug/l	AS	8	8		0	0.000	0.010	0.017	0.038
Mercury	ug/l Hg	S	8	8		0	0.000	0.008	0.011	0.016
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.270	0.419	0.636
Nitrate	mg NO3/l	S	8	8		0	0.000	2.260	3.169	5.741
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	0.013	0.025
Odour	Diln No	S	36	35		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

WATER SUPPLY ZONE - ZN0701 - Derg Strabane
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.080	0.180
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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
Prothiconazole	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	0.012
Selenium	ug/l Se	S	8	8	0	0.000	0.261	0.476	1.241
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	10.647	12.718	14.713
Sulphate	mg SO4/l	AS	8	8	0	0.000	31.666	39.996	57.124
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.060	0.483	1.040
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	1.240	1.931	2.760
Total Trihalomethanes	ug/l	S	8	8	0	0.000	31.119	60.131	86.497
Total coliforms	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.009	0.019
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	36	36	0	0.000	0.090	0.292	0.730

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38852

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 24-JUN-2013 (W4501OUT) MCPA = 0.1500 ug/.

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.107	0.159
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.015	0.027
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24		0	0.000	6.955	29.169	73.760
Ammonium	mg NH4/l	S	24	24		0	0.000	0.005	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.038	0.054
Arsenic	ug/l As	S	8	8		0	0.000	0.256	0.388	0.804
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.012	0.020
Bromate	ug/l	S	8	8		0	0.000	2.400	5.588	7.700
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.016	0.060
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	16.415	20.633	24.620
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.095	0.167	0.391
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	24	25		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.958	21.000
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	0.630	1.781	3.470
Conductivity	uS/cm 20 C	AS	24	25		0	0.000	125.000	159.160	224.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.005	0.017
Cyanide	ug/l	AS	8	9		0	0.000	1.200	2.622	5.000
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.011
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	36	36		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.028	0.046
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	36	36		0	0.000	0.060	0.387	1.260
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	24	24		0	0.000	7.050	7.432	8.170
Iron	ug Fe/l	S	24	24		0	0.000	1.542	10.411	53.440
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	0.055	0.543	1.384
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	0.012
MCPA	ug/l	AS	8	8		0	0.000	< 0.012	< 0.035	0.072
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 3.222	11.340
Mecoprop	ug/l	AS	8	8		0	0.000	0.005	0.012	0.026
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.011	0.018
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.329	0.677	1.921
Nitrate	mg NO3/l	S	8	8		0	0.000	0.170	0.628	1.083
Nitrite	mg NO2/l	S	8	8		0	0.000	0.009	0.013	0.019
Odour	Diln No	S	24	23		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

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.071	0.115
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.234	0.339
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	9.650	12.512	16.719
Sulphate	mg SO4/l	AS	8	8	0	0.000	24.023	31.146	47.078
Taste	Diln No	S	24	23	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.210	0.283
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.120	0.452	1.330
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	1.210	1.969	3.080
Total Trihalomethanes	ug/l	S	8	8	0	0.000	29.085	45.109	64.115
Total coliforms	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.009	0.015
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.100	0.301	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10877

This zone has a surface water source :R4541

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 - ZN0704 - Lough Bradan Drumquin

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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	< 0.013	< 0.016
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24	0	0.000	< 1.000	< 13.613	47.100
Ammonium	mg NH4/l	S	24	24	0	0.000	0.009	0.010	0.013
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.031	0.047
Arsenic	ug/l As	S	8	8	0	0.000	0.252	0.299	0.332
Asulam	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	9	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.009	0.021
Bromate	ug/l	S	8	8	0	0.000	2.200	4.213	5.700
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.014	0.035
Carbendazim	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	9	0	0.000	17.188	20.098	22.201
Chlorothalonil	ug/l	AS	8	9	0	0.000	< 0.006	< 0.009	< 0.010
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	0.064	0.228	0.479
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.006	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.500	1.760	2.710
Conductivity	uS/cm 20 C	AS	36	37	0	0.000	220.000	275.757	325.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.011	0.061
Cyanide	ug/l	AS	8	10	0	0.000	1.500	2.100	5.400
Cypermethrin	ug/l	AS	8	9	0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	9	0	0.000	< 0.007	< 0.009	0.012
Dichlobenil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	0.012
Dieldrin	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
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	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	AS	8	9	0	0.000	< 0.024	< 0.030	0.056
Fluroxpyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.020	0.272	0.980
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	9	0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	9	0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	24	24	0	0.000	7.200	7.625	8.050
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 75.675	1029.00
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	< 0.100	< 0.482	0.887
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	< 0.013	0.021
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 4.720	48.280
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	0.009
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.010	0.012
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
Nickel	ug Ni/l	S	8	8	0	0.000	0.222	1.885	9.100
Nitrate	mg NO3/l	S	8	8	0	0.000	0.385	0.862	2.348
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.017
Odour	Diln No	S	24	23	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

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	9	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
Pirimicarb	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Prometryn	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.200	< 0.342	0.567
Simazine	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	6.741	51.473	71.133
Sulphate	mg SO4/l	AS	8	9	0	0.000	51.017	64.496	80.531
Taste	Diln No	S	24	23	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	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.020	< 0.342	1.040
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	9	0	0.000	1.310	2.252	3.300
Total Trihalomethanes	ug/l	S	8	8	0	0.000	48.090	73.637	93.553
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	9	0	0.000	< 0.004	< 0.008	0.011
Trifluralin	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.150	0.441	3.350

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23585

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 04-FEB-2013 (ZN0704AE) Iron = 1029 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 - ZN0705 - Lough Macrory Beragh

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.013	0.019
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24		0	0.000	< 1.000	< 19.479	100.500
Ammonium	mg NH4/l	S	24	24		0	0.000	0.008	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.046	0.104
Arsenic	ug/l As	S	8	8		0	0.000	0.286	0.305	0.351
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	0.011
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.030
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.013	0.028
Bromate	ug/l	S	8	9		0	0.000	1.200	1.467	2.000
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.031	0.132
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	11.227	12.254	13.214
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.058	0.164	0.254
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
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	0.083	2.000
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	0.550	0.908	1.600
Conductivity	uS/cm 20 C	AS	52	53		0	0.000	131.000	142.717	160.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.014	0.074
Cyanide	ug/l	AS	8	8		0	0.000	< 0.300	< 1.584	4.700
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.011
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	36	36		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	0.013
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	36	36		0	0.000	0.110	0.397	0.760
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.006
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	24	24		0	0.000	7.110	7.510	7.930
Iron	ug Fe/l	S	24	24		0	0.000	1.568	11.839	126.000
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	< 0.100	< 0.434	0.599
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	< 0.015	0.023
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 1.813	6.707
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.016	0.048
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	0.006
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.264	0.436
Nitrate	mg NO3/l	S	8	8		0	0.000	0.654	1.418	2.493
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	24	23		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

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.053	0.074
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.008
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	0.009
Selenium	ug/l Se	S	8	8	0	0.000	0.188	0.377	0.952
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	7.554	7.915	8.333
Sulphate	mg SO4/l	AS	8	8	0	0.000	30.425	32.491	34.768
Taste	Diln No	S	24	23	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	< 0.249	< 0.593
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.150	0.469	0.820
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	0.732	1.137	1.520
Total Trihalomethanes	ug/l	S	8	8	0	0.000	17.875	28.659	42.095
Total coliforms	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.010
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
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	0.263	0.450

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11254

This zone has a surface water source :R4523

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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	< 0.112	0.193
2,4-D	ug/l	AS	24	25	0	0.000	< 0.004	< 0.014	0.027
2,4-DB	ug/l	AS	24	25	0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	27	0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	24	24	0	0.000	6.270	22.620	42.860
Ammonium	mg NH4/l	S	24	24	0	0.000	0.008	0.010	0.017
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.041	0.083
Arsenic	ug/l As	S	8	8	0	0.000	0.285	0.306	0.372
Asulam	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	24	25	0	0.000	< 0.002	< 0.004	0.011
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.030	0.100
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	< 0.014	0.029
Bromate	ug/l	S	8	8	0	0.000	1.700	2.350	2.800
Bromoxynil	ug/l	AS	24	25	0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.015	0.037
Carbendazim	ug/l	AS	24	25	0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	25	0	0.000	11.227	17.759	24.620
Chlorothalonil	ug/l	AS	24	25	0	0.000	< 0.006	< 0.009	< 0.010
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	0.070	0.151	0.258
Clopyralid	ug/l	AS	24	25	0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	112	113	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.042	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	0.510	1.116	2.220
Conductivity	uS/cm 20 C	AS	112	115	0	0.000	125.000	189.096	325.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.020	0.131
Cyanide	ug/l	AS	24	27	0	0.000	< 0.300	< 2.121	5.400
Cypermethrin	ug/l	AS	24	25	0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	25	0	0.000	< 0.007	< 0.008	0.012
Dichlobenil	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.003	< 0.006	0.012
Dieldrin	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.013
Fluoride	mg F/l	AS	24	25	0	0.000	< 0.024	< 0.027	0.056
Fluroxypyr	ug/l	AS	24	25	0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.020	0.313	0.820
Glyphosate	ug/l	AS	24	25	0	0.000	< 0.003	< 0.003	0.006
Heptachlor	ug/l	AS	24	25	0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	25	0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	24	24	0	0.000	7.070	7.654	8.090
Iron	ug Fe/l	S	24	24	0	0.000	1.667	14.688	95.090
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	0.338	0.707	1.872
Linuron	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	0.012
MCPA	ug/l	AS	24	25	0	0.000	< 0.004	< 0.021	0.072
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.914	26.610
Mecoprop	ug/l	AS	24	25	0	0.000	< 0.003	< 0.008	0.026
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.010	0.012
Metalaxyl	ug/l	AS	24	25	0	0.000	< 0.005	< 0.005	0.006
Metoxuron	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.100	< 0.387	1.269
Nitrate	mg NO3/l	S	8	8	0	0.000	0.773	1.295	1.952
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.016
Odour	Diln No	S	24	23	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

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	24	25	0	0.000	< 0.050	< 0.058	0.115
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
Prometryn	ug/l	AS	24	25	0	0.000	< 0.004	< 0.004	0.008
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	0.009
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.349	0.548
Simazine	ug/l	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	8.775	9.186	9.816
Sulphate	mg SO4/l	AS	24	25	0	0.000	24.023	43.582	80.531
Taste	Diln No	S	24	23	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	25	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.235	0.482
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	0.040	0.374	0.900
Total Indicative Dose	mSv/year	AS	3	3	0	0.000	< 0.010	< 0.070	< 0.100
Total Organic Carbon	mg C/l	AS	24	25	0	0.000	0.732	1.805	3.300
Total Trihalomethanes	ug/l	S	8	8	0	0.000	23.134	35.220	53.122
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	25	0	0.000	< 0.004	< 0.008	0.015
Trifluralin	ug/l	AS	24	25	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	3	3	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.130	0.326	0.980

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23047

This zone has a surface water source :R4513

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 - ZN0801 - Belleek Garrison

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	12	12		0	0.000	< 1.000	< 13.994	23.960
Ammonium	mg NH4/l	S	12	12		0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	9		0	0.000	0.019	0.086	0.162
Arsenic	ug/l As	S	8	9		0	0.000	< 0.300	< 0.351	0.520
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	0.010
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	9		0	0.000	< 0.001	< 0.017	0.026
Bromate	ug/l	S	8	8		0	0.000	1.200	2.025	2.600
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	9		0	0.000	0.008	0.016	0.034
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	15.601	17.648	19.572
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	< 0.100	< 0.217	0.512
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
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	12	12		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12		0	0.000	0.750	1.208	1.620
Conductivity	uS/cm 20 C	AS	12	12		0	0.000	268.000	300.917	313.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.012
Cyanide	ug/l	AS	8	9		0	0.000	1.400	2.211	4.200
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.010
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.063	0.329
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	24	24		0	0.000	0.220	0.631	1.380
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	12	12		0	0.000	7.390	7.558	7.810
Iron	ug Fe/l	S	12	12		0	0.000	< 2.000	< 19.120	153.500
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	0.243	0.385	0.549
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		0	0.000	0.020	0.037	0.071
Manganese	ug Mn/l	S	12	12		0	0.000	0.062	0.734	4.489
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.004	< 0.011	0.018
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.019	0.034
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.122	0.851	1.666
Nitrate	mg NO3/l	S	8	8		0	0.000	0.746	1.677	2.110
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	0.009	0.015
Odour	Diln No	S	12	10		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

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.052	0.065	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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.004	< 0.016
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	< 0.007	0.018
Selenium	ug/l Se	S	8	9	0	0.000	< 0.200	< 0.381	0.797
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	27.283	35.091	75.020
Sulphate	mg SO4/l	AS	8	8	0	0.000	69.861	74.971	84.050
Taste	Diln No	S	12	10	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.310	0.752	1.440
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.670	2.089	2.580
Total Trihalomethanes	ug/l	S	8	8	0	0.000	32.125	46.663	60.569
Total coliforms	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.009	0.013
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	12	12	0	0.000	0.140	0.366	0.880

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 5196

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.110	0.176
2,4-D	ug/l	AS	8	8		0	0.000	0.013	0.016	0.021
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 21.635	54.950
Ammonium	mg NH4/l	S	52	52		0	0.000	0.009	0.010	0.015
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.077	0.219
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.359	0.486
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.031	0.105
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	< 0.013	0.025
Bromate	ug/l	S	8	8		0	0.000	3.600	4.613	5.500
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.025	0.065
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	19.603	25.525	29.780
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	< 0.100	< 0.355	0.526
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	104	106		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	0.530	1.105	2.290
Conductivity	uS/cm 20 C	AS	104	107		0	0.000	326.000	388.505	433.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.003	0.009
Cyanide	ug/l	AS	8	8		0	0.000	0.330	3.536	4.900
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.011
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.009
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.054	0.078
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	192	192		0	0.000	0.030	0.323	1.350
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	52	52		0	0.000	7.170	7.455	7.740
Iron	ug Fe/l	S	52	52		1	1.923	< 2.000	< 24.358	230.300
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.339	0.611
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		1	12.500	0.012	0.053	0.110
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 7.296	33.550
Mecoprop	ug/l	AS	8	8		0	0.000	0.007	0.013	0.027
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.010	0.017
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
Nickel	ug Ni/l	S	8	8		0	0.000	1.092	1.344	1.745
Nitrate	mg NO3/l	S	8	8		0	0.000	0.402	1.463	3.026
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.016	0.042
Odour	Diln No	S	52	49		1	1.923	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	8	8		0	0.000	< 0.004	< 0.004	< 0.004

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.089	0.181
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.005
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	0.182	0.301	0.565
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	11.968	19.236	27.702
Sulphate	mg SO4/l	AS	8	8	0	0.000	94.444	109.770	131.914
Taste	Diln No	S	52	49	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.251	0.491
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.056	< 0.095	< 0.100
Total - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	0.140	0.432	1.390
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	1.950	2.921	3.610
Total Trihalomethanes	ug/l	S	8	8	0	0.000	42.140	63.636	94.094
Total coliforms	No./100 ml	S	192	192	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.008	< 0.010	0.020
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.140	0.438	1.330

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 76694

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 12-FEB-2013 (ZN0802AE) Iron = 230 ug Fe/.
 Sample failed 30-OCT-2013 (W4701OUT) MCPA = 0.1100 ug/.
 Sample failed 05-AUG-2013 (ZN0802AE) 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 - ZN1101 - Clay Lake Keady

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	9		0	0.000	< 0.003	< 0.009	< 0.016
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	12	12		0	0.000	< 1.000	< 15.844	36.600
Ammonium	mg NH4/l	S	12	12		0	0.000	0.006	0.010	0.013
Antimony	ug/l Sb	S	8	8		0	0.000	0.120	0.173	0.258
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.473	0.842
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	0.010
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	9		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.006	0.019	0.030
Bromate	ug/l	S	8	9		0	0.000	2.100	2.789	3.900
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.016	0.033
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	21.234	28.060	35.265
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.306	0.580
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24		1	4.167	0.000	0.042	1.000
Colony Counts 22	No./1 ml	S	12	12		0	0.000	0.000	1.667	18.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12		0	0.000	1.210	1.880	2.370
Conductivity	uS/cm 20 C	AS	24	28		0	0.000	201.000	242.357	281.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.045	0.145
Cyanide	ug/l	AS	8	8		0	0.000	4.900	5.788	7.900
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	0.018
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.011
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.007	0.025
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.030	0.054
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	24	24		0	0.000	0.050	0.615	1.250
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.023
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	12	12		0	0.000	6.900	7.203	7.530
Iron	ug Fe/l	S	12	12		0	0.000	< 2.000	< 5.009	20.840
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	2.027	8.084
Linuron	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8		1	12.500	0.021	0.066	0.180
Manganese	ug Mn/l	S	12	12		0	0.000	< 0.100	< 2.311	11.100
Mecoprop	ug/l	AS	8	8		0	0.000	0.010	0.013	0.016
Mercury	ug/l Hg	S	8	8		0	0.000	0.009	0.016	0.033
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.005	< 0.005	0.007
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	2.210	2.774	3.231
Nitrate	mg NO3/l	S	8	8		0	0.000	0.203	1.605	3.120
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.014	0.023
Odour	Diln No	S	12	11		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	9		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	0.007

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.055	0.103	0.215
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.013
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	< 0.418	1.110
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	12.063	13.917	16.246
Sulphate	mg SO4/l	AS	8	8	0	0.000	18.677	35.245	57.387
Taste	Diln No	S	12	11	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.233	< 0.464
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.090	0.740	1.370
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	2.490	3.624	5.260
Total Trihalomethanes	ug/l	S	8	8	0	0.000	29.744	60.193	73.448
Total coliforms	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	9	0	0.000	< 0.004	< 0.010	0.016
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	12	12	0	0.000	0.180	0.297	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9250

This zone has a surface water source :R2509

PCV Exceedances:

Sample failed 20-NOV-2013 (W2509OUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 12-JUN-2013 (W2509OUT) MCPA = 0.1800 ug/.

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	0.666	15.176	77.910
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	< 0.055
Antimony	ug/l Sb	S	8	8		0	0.000	0.046	0.103	0.175
Arsenic	ug/l As	S	8	8		0	0.000	0.262	0.403	0.663
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	0.010
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	< 0.013	0.025
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.400	1.100
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.022	0.052
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	16.703	22.328	24.788
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.098	0.369	0.748
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
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	0.111	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.500	1.232	2.020
Conductivity	uS/cm 20 C	AS	52	52		0	0.000	234.000	310.923	375.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.013	0.046
Cyanide	ug/l	AS	8	9		0	0.000	< 0.300	< 4.967	8.300
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.010	0.025
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.012
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.029	0.042
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.020	0.492	1.560
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.005
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	6.710	7.225	7.730
Iron	ug Fe/l	S	36	36		2	5.556	1.697	32.281	233.900
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.060	0.651	1.644
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	< 0.014	0.018
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 2.609	22.370
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.004	< 0.013	0.029
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.012	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
Nickel	ug Ni/l	S	8	8		0	0.000	1.281	1.854	2.888
Nitrate	mg NO3/l	S	8	8		0	0.000	1.214	3.284	5.018
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	0.012
Odour	Diln No	S	36	34		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

WATER SUPPLY ZONE - ZN1102 - Seaghan Armagh
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.056	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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	0.450	1.050
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	9.531	26.694	42.403
Sulphate	mg SO4/l	AS	8	8	0	0.000	57.957	66.572	77.882
Taste	Diln No	S	36	34	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.030	0.607	1.920
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.640	2.239	2.960
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.527	45.989	60.640
Total coliforms	No./100 ml	S	96	96	1	1.042	0.000	0.010	1.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	36	36	0	0.000	0.106	0.430	1.830

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35104

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 23-SEP-2013 (ZN1102AE) Iron = 209 ug Fe/.
 Sample failed 02-DEC-2013 (ZN1102AE) Iron = 234 ug Fe/.
 Sample failed 01-JUL-2013 (ZN1102AE) 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 - ZS0101 - Dunore Ballygomartin North

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	< 0.004	< 0.025	< 0.060
2,4-DB	ug/l	AS	25	24		0	0.000	< 0.003	< 0.020	< 0.060
Aldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 22.383	54.050
Ammonium	mg NH4/l	S	36	36		0	0.000	0.007	0.013	0.084
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.130	0.458
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.360	0.511
Asulam	ug/l	AS	25	24		0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
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	< 0.017	0.022
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.405	1.000
Bromoxynil	ug/l	AS	25	24		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.024	0.068
Carbendazim	ug/l	AS	25	24		0	0.000	< 0.001	< 0.004	< 0.015
Chlorothalonil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.010	< 0.010
Chlorotoluron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.011	< 0.030
Chlorpyrifos	ug/l	AS	25	24		0	0.000	< 0.003	< 0.012	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.133	0.310	0.465
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.006	< 0.027	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	367	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	3.278	48.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	2.361	32.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.750	1.491	2.250
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.049	0.304
Cyanide	ug/l	AS	25	24		0	0.000	< 0.500	< 2.800	4.500
Cypermethrin	ug/l	AS	25	24		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	25	24		0	0.000	< 0.007	< 0.032	< 0.080
Dichlobenil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	25	24		0	0.000	< 0.003	< 0.016	< 0.050
Dieldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	108	108		1	0.926	0.000	0.028	3.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Fluroxypyr	ug/l	AS	25	24		0	0.000	< 0.006	< 0.024	< 0.060
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.020	0.109	0.410
Glyphosate	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.030
Heptachlor	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	6.890	7.464	7.820
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 29.007	213.800
Isoproturon	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		1	12.500	0.110	36.136	278.000
Linuron	ug/l	AS	25	24		0	0.000	< 0.003	< 0.023	< 0.070
MCPA	ug/l	AS	25	24		0	0.000	0.010	0.031	0.052
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 2.641	19.480
Mecoprop	ug/l	AS	25	24		0	0.000	0.007	< 0.017	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.008	< 0.010
Metalaxyl	ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	1.161	1.939	5.138
Nitrate	mg NO3/l	S	8	8		0	0.000	0.191	1.920	3.767
Nitrite	mg NO2/l	S	8	8		0	0.000	0.009	0.013	0.019
Odour	Diln No	S	36	35		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.012	< 0.030
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	< 0.050	< 0.077	0.155
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Prometryn ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Propachlor ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	25	24		0	0.000	< 0.002	< 0.019	< 0.050
Prothioconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.182	0.377	0.615
Simazine ug/l	AS	25	24		0	0.000	< 0.003	< 0.010	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	12.708	16.913	20.457
Taste Diln No	S	36	33		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	108	108		0	0.000	0.040	0.220	0.630
Total Trihalomethanes ug/l	S	8	8		0	0.000	36.260	55.098	77.199
Total coliforms No./100 ml	S	108	108		3	2.778	0.000	0.065	3.000
Triclopyr ug/l	AS	25	24		0	0.000	< 0.004	< 0.023	< 0.060
Trifluralin ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	36	36		0	0.000	0.090	0.383	1.670

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44623

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 07-AUG-2013 (ZS0101AE) E. coli = 3 No./100.
 Sample failed 04-FEB-2013 (ZS0101AE) Iron = 214 ug Fe/.
 Sample failed 04-JUN-2013 (ZS0101AE) Lead = 278.0 ug P.
 Sample failed 07-AUG-2013 (ZS0101AE) Total coliforms = 3 No./100.
 Sample failed 19-AUG-2013 (ZS0101AE) Total coliforms = 2 No./100.
 Sample failed 24-SEP-2013 (ZS0101AE) 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 - ZS0102 - Dunore Ballygomartin South

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.112	0.192
2,4-D	ug/l	AS	25	24		0	0.000	< 0.004	< 0.025	< 0.060
2,4-DB	ug/l	AS	25	24		0	0.000	< 0.003	< 0.020	< 0.060
Aldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	36	36		1	2.778	< 1.000	< 64.382	1404.00
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	0.039
Antimony	ug/l Sb	S	8	8		0	0.000	0.021	0.103	0.149
Arsenic	ug/l As	S	8	8		0	0.000	0.270	0.324	0.484
Asulam	ug/l	AS	25	24		0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 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	< 0.001	< 0.018	0.033
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.614	2.300
Bromoxynil	ug/l	AS	25	24		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.016	0.035
Carbendazim	ug/l	AS	25	24		0	0.000	< 0.001	< 0.004	< 0.015
Chlorothalonil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.010	< 0.010
Chlorotoluron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.011	< 0.030
Chlorpyrifos	ug/l	AS	25	24		0	0.000	< 0.003	< 0.012	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.155	0.317	0.431
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.006	< 0.027	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	367	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	6.306	61.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	1.222	16.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.630	1.425	2.350
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.040	0.177
Cyanide	ug/l	AS	25	24		0	0.000	< 0.500	< 2.800	4.500
Cypermethrin	ug/l	AS	25	24		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	25	24		0	0.000	< 0.007	< 0.032	< 0.080
Dichlobenil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	25	24		0	0.000	< 0.003	< 0.016	< 0.050
Dieldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	120	120		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Fluroxypyr	ug/l	AS	25	24		0	0.000	< 0.006	< 0.024	< 0.060
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.020	0.090	0.410
Glyphosate	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.030
Heptachlor	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.220	7.491	7.860
Iron	ug Fe/l	S	36	36		2	5.556	< 2.000	<102.886	2684.00
Isoproturon	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		1	12.500	0.314	10.078	49.610
Linuron	ug/l	AS	25	24		0	0.000	< 0.003	< 0.023	< 0.070
MCPA	ug/l	AS	25	24		0	0.000	0.010	0.031	0.052
Manganese	ug Mn/l	S	36	36		1	2.778	< 0.100	< 5.543	106.700
Mecoprop	ug/l	AS	25	24		0	0.000	0.007	< 0.017	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	0.011	0.018
Metalaxyl	ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.961	1.236	1.693
Nitrate	mg NO3/l	S	8	8		0	0.000	0.283	1.565	3.543
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.013	0.040
Odour	Diln No	S	36	34		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.012	< 0.030
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	< 0.050	< 0.077	0.155
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Prometryn ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Propachlor ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	25	24		0	0.000	< 0.002	< 0.019	< 0.050
Prothioconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.376	0.665
Simazine ug/l	AS	25	24		0	0.000	< 0.003	< 0.010	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	11.676	16.259	19.836
Taste Diln No	S	36	33		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.236	0.487
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	120	120		0	0.000	0.030	0.203	0.600
Total Trihalomethanes ug/l	S	8	8		0	0.000	26.814	54.577	72.915
Total coliforms No./100 ml	S	120	120		3	2.500	0.000	0.075	5.000
Triclopyr ug/l	AS	25	24		0	0.000	< 0.004	< 0.023	< 0.060
Trifluralin ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	36	36		0	0.000	0.150	0.396	1.430

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 48486

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 21-JAN-2013 (ZS0102AE) Aluminium = 1404 ug Al.
 Sample failed 21-JAN-2013 (ZS0102AE) Iron = 2684 ug Fe.
 Sample failed 04-FEB-2013 (ZS0102AE) Iron = 356 ug Fe/.
 Sample failed 08-JUL-2013 (ZS0102AE) Lead = 49.6 ug Pb.
 Sample failed 21-JAN-2013 (ZS0102AE) Manganese = 106.7 ug M.
 Sample failed 18-APR-2013 (ZS0102AE) Total coliforms = 5 No./100.
 Sample failed 10-JUN-2013 (ZS0102AE) Total coliforms = 2 No./100.
 Sample failed 16-JUL-2013 (ZS0102AE) Total coliforms = 2 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48		0	0.000	< 0.004	< 0.019	< 0.060
2,4-DB	ug/l	AS	48	48		0	0.000	< 0.003	< 0.014	< 0.060
Aldrin	ug/l	AS	48	49		0	0.000	< 0.001	< 0.005	< 0.020
Aluminium	ug Al/l	S	52	52		0	0.000	0.772	43.156	150.700
Ammonium	mg NH4/l	S	52	52		0	0.000	0.007	0.011	0.031
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.073	0.147
Arsenic	ug/l As	S	8	8		0	0.000	0.254	< 0.294	< 0.300
Asulam	ug/l	AS	48	48		0	0.000	< 0.003	< 0.010	< 0.050
Bentazone	ug/l	AS	48	48		0	0.000	< 0.002	< 0.006	< 0.020
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	< 0.015	0.029
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 1.234	2.400
Bromoxynil	ug/l	AS	48	48		0	0.000	< 0.003	< 0.009	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.009	0.023	0.040
Carbendazim	ug/l	AS	48	48		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	48	48		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	48	48		0	0.000	< 0.002	< 0.006	< 0.030
Chlorpyrifos	ug/l	AS	48	48		0	0.000	< 0.003	< 0.008	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.072	0.227	0.515
Clopyralid	ug/l	AS	48	48		0	0.000	< 0.006	< 0.017	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	730	730		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.596	14.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.154	5.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.550	1.261	4.020
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.008	0.032
Cyanide	ug/l	AS	48	49		0	0.000	< 0.300	< 2.572	8.100
Cypermethrin	ug/l	AS	48	48		0	0.000	< 0.001	< 0.010	< 0.080
Dicamba	ug/l	AS	48	48		0	0.000	< 0.007	< 0.020	< 0.080
Dichlobenil	ug/l	AS	48	48		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	48	48		0	0.000	< 0.003	< 0.010	< 0.050
Dieldrin	ug/l	AS	48	48		0	0.000	< 0.002	< 0.005	< 0.020
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	0.003
Fenpropimorph	ug/l	AS	48	48		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	48	48		0	0.000	< 0.005	< 0.018	< 0.060
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	0.020	0.144	0.550
Glyphosate	ug/l	AS	48	48		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	48	48		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	48	48		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	48	48		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	6.770	7.297	8.070
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 23.383	200.300
Isoproturon	ug/l	AS	48	48		0	0.000	< 0.002	< 0.005	< 0.020
Lead	ug Pb/l	S	8	8		1	12.500	0.141	5.703	39.280
Linuron	ug/l	AS	48	48		0	0.000	< 0.003	< 0.014	< 0.070
MCPA	ug/l	AS	48	48		0	0.000	< 0.004	< 0.021	0.052
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.515	24.050
Mecoprop	ug/l	AS	48	48		0	0.000	< 0.003	< 0.012	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.010	0.011	0.014
Metalaxyl	ug/l	AS	48	48		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	48	48		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.098	0.540	2.518
Nitrate	mg NO3/l	S	8	8		0	0.000	1.877	2.783	3.270
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	49		1	1.923	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	48	48		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.063	0.155
Phorate	ug/l	AS	48	48	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.030
Prometryn	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.020
Propachlor	ug/l	AS	48	48	0	0.000	< 0.002	< 0.007	< 0.020
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.002	< 0.015	< 0.050
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.258	0.385
Simazine	ug/l	AS	48	48	0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	4.410	6.844	11.390
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	52	49	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.040	0.254	0.690
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	1	12.500	15.763	39.792	112.370
Total coliforms	No./100 ml	S	144	144	2	1.389	0.000	0.063	7.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.004	< 0.015	< 0.060
Trifluralin	ug/l	AS	48	48	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	52	52	0	0.000	0.066	0.344	0.680

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58729

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 08-JUL-2013 (ZS0103AE) Lead = 39.3 ug Pb.
 Sample failed 19-MAR-2013 (ZS0103AE) Odour = 1 Diln No.
 Sample failed 21-MAY-2013 (ZS0103AE) Total Trihalomethanes = 112.4 ug/l.
 Sample failed 18-APR-2013 (ZS0103AE) Total coliforms = 2 No./100.
 Sample failed 30-AUG-2013 (ZS0103AE) 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 - ZS0104 - Dunore Breda North

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	49	48		0	0.000	< 0.004	< 0.019	< 0.060
2,4-DB	ug/l	AS	49	48		0	0.000	< 0.003	< 0.014	< 0.060
Aldrin	ug/l	AS	49	49		0	0.000	< 0.001	< 0.005	< 0.020
Aluminium	ug Al/l	S	36	36		1	2.778	10.740	42.525	429.800
Ammonium	mg NH4/l	S	36	36		0	0.000	0.010	0.013	0.044
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.065	0.103
Arsenic	ug/l As	S	8	8		0	0.000	0.291	0.317	0.394
Asulam	ug/l	AS	49	48		0	0.000	< 0.003	< 0.010	< 0.050
Bentazone	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.020
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	< 0.013	0.032
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.526	1.200
Bromoxynil	ug/l	AS	49	48		0	0.000	< 0.003	< 0.009	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.019	0.050
Carbendazim	ug/l	AS	49	48		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	25	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	49	48		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.030
Chlorpyrifos	ug/l	AS	49	48		0	0.000	< 0.003	< 0.008	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.073	0.290	0.521
Clopyralid	ug/l	AS	49	48		0	0.000	< 0.006	< 0.017	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	732	730		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	2.306	79.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.194	3.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.650	1.215	2.000
Conductivity	uS/cm 20 C	AS	367	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.003	0.011
Cyanide	ug/l	AS	49	49		0	0.000	< 0.300	< 2.572	8.100
Cypermethrin	ug/l	AS	49	48		0	0.000	< 0.001	< 0.010	< 0.080
Dicamba	ug/l	AS	49	48		0	0.000	< 0.007	< 0.020	< 0.080
Dichlobenil	ug/l	AS	49	48		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	49	48		0	0.000	< 0.003	< 0.010	< 0.050
Dieldrin	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
E. coli	No./100 ml	S	108	108		1	0.926	0.000	0.009	1.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	49	48		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	49	48		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	25	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	49	48		0	0.000	< 0.005	< 0.018	< 0.060
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.020	0.120	0.500
Glyphosate	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	49	48		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	49	48		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.040	7.433	7.870
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 30.378	376.200
Isoproturon	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 2.000	8.237
Linuron	ug/l	AS	49	48		0	0.000	< 0.003	< 0.014	< 0.070
MCPA	ug/l	AS	49	48		0	0.000	< 0.004	< 0.021	0.052
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 3.493	27.220
Mecoprop	ug/l	AS	49	48		0	0.000	< 0.003	< 0.012	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Metalaxyl	ug/l	AS	49	48		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	49	48		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.125	0.892	2.175
Nitrate	mg NO3/l	S	8	8		0	0.000	0.167	1.968	3.757
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	0.011	0.015
Odour	Diln No	S	36	35		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	49	48		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0104 - Dunore Breda North
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	49	48		0	0.000	< 0.050	< 0.063	0.155
Phorate	ug/l	AS	49	48		0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.030
Prometryn	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.020
Propachlor	ug/l	AS	49	48		0	0.000	< 0.002	< 0.007	< 0.020
Propiconazole	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	ug/l	AS	49	48		0	0.000	< 0.002	< 0.015	< 0.050
Prothioconazole	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	0.006
Selenium	ug/l Se	S	8	8		0	0.000	< 0.200	< 0.310	0.538
Simazine	ug/l	AS	49	48		0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8		0	0.000	5.916	11.447	18.177
Sulphate	mg SO4/l	AS	25	24		0	0.000	2.086	12.598	17.343
Taste	Diln No	S	36	35		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	49	48		0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.040	0.225	0.590
Total Indicative Dose	mSv/year	AS	3	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	25	24		0	0.000	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8		0	0.000	26.001	42.151	65.277
Total coliforms	No./100 ml	S	108	108		2	1.852	0.000	0.019	1.000
Triclopyr	ug/l	AS	49	48		0	0.000	< 0.004	< 0.015	< 0.060
Trifluralin	ug/l	AS	49	48		0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	1		0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	36	36		0	0.000	0.160	0.336	1.070

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41872

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 14-JAN-2013 (ZS0104AE) Aluminium = 430 ug Al/.
 Sample failed 21-MAR-2013 (ZS0104AE) E. coli = 1 No./100.
 Sample failed 14-JAN-2013 (ZS0104AE) Iron = 376 ug Fe/.
 Sample failed 21-MAR-2013 (ZS0104AE) Total coliforms = 1 No./100.
 Sample failed 26-JUN-2013 (ZS0104AE) 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 - ZS0105 - Dunore Breda South

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	49	48		0	0.000	< 0.004	< 0.019	< 0.060
2,4-DB	ug/l	AS	49	48		0	0.000	< 0.003	< 0.014	< 0.060
Aldrin	ug/l	AS	49	49		0	0.000	< 0.001	< 0.005	< 0.020
Aluminium	ug Al/l	S	52	52		1	1.923	< 1.000	< 66.785	1842.00
Ammonium	mg NH4/l	S	52	52		0	0.000	0.006	0.011	0.049
Antimony	ug/l Sb	S	8	9		0	0.000	0.029	0.077	0.140
Arsenic	ug/l As	S	8	9		0	0.000	0.270	0.337	0.466
Asulam	ug/l	AS	49	48		0	0.000	< 0.003	< 0.010	< 0.050
Bentazone	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.020
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	0.020
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.576	1.600
Bromoxynil	ug/l	AS	49	48		0	0.000	< 0.003	< 0.009	< 0.040
Cadmium	ug/l Cd	S	8	9		0	0.000	< 0.010	< 0.027	0.106
Carbendazim	ug/l	AS	49	48		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	25	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	49	48		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.030
Chlorpyrifos	ug/l	AS	49	48		0	0.000	< 0.003	< 0.008	< 0.030
Chromium	ug/l Cr	S	8	9		0	0.000	< 0.100	< 0.259	0.467
Clopyralid	ug/l	AS	49	48		0	0.000	< 0.006	< 0.017	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	732	730		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	1.885	66.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.788	28.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.510	1.352	7.110
Conductivity	uS/cm 20 C	AS	367	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.004	0.012
Cyanide	ug/l	AS	49	49		0	0.000	< 0.300	< 2.572	8.100
Cypermethrin	ug/l	AS	49	48		0	0.000	< 0.001	< 0.010	< 0.080
Dicamba	ug/l	AS	49	48		0	0.000	< 0.007	< 0.020	< 0.080
Dichlobenil	ug/l	AS	49	48		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	49	48		0	0.000	< 0.003	< 0.010	< 0.050
Dieldrin	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
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	49	48		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	49	48		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	25	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	49	48		0	0.000	< 0.005	< 0.018	< 0.060
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	0.020	0.156	0.770
Glyphosate	ug/l	AS	49	48		0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	49	48		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	49	48		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	6.940	7.398	7.850
Iron	ug Fe/l	S	52	52		1	1.923	1.568	85.331	3677.00
Isoproturon	ug/l	AS	49	48		0	0.000	< 0.002	< 0.005	< 0.020
Lead	ug Pb/l	S	8	8		1	12.500	< 0.100	< 10.760	57.830
Linuron	ug/l	AS	49	48		0	0.000	< 0.003	< 0.014	< 0.070
MCPA	ug/l	AS	49	48		0	0.000	< 0.004	< 0.021	0.052
Manganese	ug Mn/l	S	52	52		1	1.923	0.092	4.893	151.700
Mecoprop	ug/l	AS	49	48		0	0.000	< 0.003	< 0.012	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	0.020	0.043
Metalaxyl	ug/l	AS	49	48		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	49	48		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.292	1.380	2.851
Nitrate	mg NO3/l	S	8	8		0	0.000	0.184	1.921	3.840
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Odour	Diln No	S	52	51		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	49	48		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0105 - Dunore Breda South
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	49	48	0	0.000	< 0.050	< 0.063	0.155
Phorate	ug/l	AS	49	48	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	49	48	0	0.000	< 0.002	< 0.006	< 0.030
Prometryn	ug/l	AS	49	48	0	0.000	< 0.002	< 0.006	< 0.020
Propachlor	ug/l	AS	49	48	0	0.000	< 0.002	< 0.007	< 0.020
Propiconazole	ug/l	AS	49	48	0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	ug/l	AS	49	48	0	0.000	< 0.002	< 0.015	< 0.050
Prothioconazole	ug/l	AS	49	48	0	0.000	< 0.002	< 0.006	0.006
Selenium	ug/l Se	S	8	9	0	0.000	0.181	0.411	0.698
Simazine	ug/l	AS	49	48	0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	7.503	13.497	18.967
Sulphate	mg SO4/l	AS	25	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	52	51	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	49	48	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.040	0.275	0.800
Total Indicative Dose	mSv/year	AS	3	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	25	24	0	0.000	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	0	0.000	20.026	42.170	57.950
Total coliforms	No./100 ml	S	144	144	3	2.083	0.000	0.035	3.000
Triclopyr	ug/l	AS	49	48	0	0.000	< 0.004	< 0.015	< 0.060
Trifluralin	ug/l	AS	49	48	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	52	52	1	1.923	0.122	0.591	14.600

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55532

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 21-JAN-2013 (ZS0105AE) Aluminium = 1842 ug Al.
 Sample failed 21-JAN-2013 (ZS0105AE) Iron = 3677 ug Fe.
 Sample failed 24-JUN-2013 (ZS0105AE) Lead = 57.8 ug Pb.
 Sample failed 21-JAN-2013 (ZS0105AE) Manganese = 151.7 ug M.
 Sample failed 19-FEB-2013 (ZS0105AE) Total coliforms = 1 No./100.
 Sample failed 10-JUN-2013 (ZS0105AE) Total coliforms = 3 No./100.
 Sample failed 22-NOV-2013 (ZS0105AE) Total coliforms = 1 No./100.
 Sample failed 21-JAN-2013 (ZS0105AE) Turbidity = 14.6 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24		0	0.000	< 0.004	< 0.025	< 0.060
2,4-DB	ug/l	AS	25	24		0	0.000	< 0.003	< 0.020	< 0.060
Aldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 26.539	142.000
Ammonium	mg NH4/l	S	36	36		0	0.000	0.006	0.012	0.055
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.098	0.239
Arsenic	ug/l As	S	8	8		0	0.000	0.261	0.343	0.557
Asulam	ug/l	AS	25	24		0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
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	< 0.018	0.030
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.713	2.100
Bromoxynil	ug/l	AS	25	24		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.007	0.020	0.071
Carbendazim	ug/l	AS	25	24		0	0.000	< 0.001	< 0.004	< 0.015
Chlorothalonil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.010	< 0.010
Chlorotoluron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.011	< 0.030
Chlorpyrifos	ug/l	AS	25	24		0	0.000	< 0.003	< 0.012	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.129	0.352	0.607
Clopyralid	ug/l	AS	25	24		0	0.000	< 0.006	< 0.027	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	367	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.778	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.389	4.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.540	1.465	2.330
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.010	0.030
Cyanide	ug/l	AS	25	24		0	0.000	< 0.500	< 2.800	4.500
Cypermethrin	ug/l	AS	25	24		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	25	24		0	0.000	< 0.007	< 0.032	< 0.080
Dichlobenil	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	25	24		0	0.000	< 0.003	< 0.016	< 0.050
Dieldrin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	120	120		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Fluroxypyr	ug/l	AS	25	24		0	0.000	< 0.006	< 0.024	< 0.060
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.020	0.156	0.650
Glyphosate	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.030
Heptachlor	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	25	24		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.130	7.456	7.810
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 27.359	234.100
Isoproturon	ug/l	AS	25	24		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.289	0.590	1.003
Linuron	ug/l	AS	25	24		0	0.000	< 0.003	< 0.023	< 0.070
MCPA	ug/l	AS	25	24		0	0.000	0.010	0.031	0.052
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 3.243	18.180
Mecoprop	ug/l	AS	25	24		0	0.000	0.007	< 0.017	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.014	0.041
Metalaxyl	ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.928	1.589	2.889
Nitrate	mg NO3/l	S	8	8		0	0.000	0.065	1.395	3.185
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	0.009	0.011
Odour	Diln No	S	36	34		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24		0	0.000	< 0.002	< 0.012	< 0.030
Pesticides - Total Substances	ug/l	AS	25	24		0	0.000	< 0.050	< 0.077	0.155
Phorate	ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Prometryn ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Propachlor ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	25	24		0	0.000	< 0.002	< 0.019	< 0.050
Prothioconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.182	0.250	0.505
Simazine ug/l	AS	25	24		0	0.000	< 0.003	< 0.010	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	11.038	15.369	18.276
Taste Diln No	S	36	34		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	120	120		0	0.000	0.030	0.280	0.770
Total Trihalomethanes ug/l	S	8	8		0	0.000	25.805	47.734	73.959
Total coliforms No./100 ml	S	120	120		5	4.167	0.000	0.442	21.000
Triclopyr ug/l	AS	25	24		0	0.000	< 0.004	< 0.023	< 0.060
Trifluralin ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	36	36		1	2.778	0.190	0.601	8.890

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46994

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 21-JAN-2013 (ZS0106AE) Iron = 234 ug Fe/.
 Sample failed 26-FEB-2013 (ZS0106AE) Total coliforms = 1 No./100.
 Sample failed 13-MAR-2013 (ZS0106AE) Total coliforms = 1 No./100.
 Sample failed 18-APR-2013 (ZS0106AE) Total coliforms = 14 No./100.
 Sample failed 11-JUL-2013 (ZS0106AE) Total coliforms = 16 No./100.
 Sample failed 25-JUL-2013 (ZS0106AE) Total coliforms = 21 No./100.
 Sample failed 21-JAN-2013 (ZS0106AE) Turbidity = 8.9 NTU.

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32		0	0.000	< 0.004	< 0.022	< 0.060
2,4-DB	ug/l	AS	32	32		0	0.000	< 0.003	< 0.017	< 0.060
Aldrin	ug/l	AS	32	33		0	0.000	< 0.001	< 0.007	< 0.020
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 30.782	89.290
Ammonium	mg NH4/l	S	36	36		0	0.000	0.006	0.011	0.028
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.083	0.334
Arsenic	ug/l As	S	8	8		0	0.000	0.255	0.343	0.623
Asulam	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Bentazone	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
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	< 0.014	0.026
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.984	1.700
Bromoxynil	ug/l	AS	32	32		0	0.000	< 0.003	< 0.011	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.030	0.089
Carbendazim	ug/l	AS	32	32		0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	8	8		0	0.000	15.988	18.052	20.183
Chlorothalonil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.030
Chlorpyrifos	ug/l	AS	32	32		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.100	< 0.311	0.480
Clopyralid	ug/l	AS	32	32		0	0.000	< 0.006	< 0.022	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	469	470		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.389	37.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.528	9.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.530	1.322	2.620
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	246.000	284.505	317.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.010
Cyanide	ug/l	AS	32	32		0	0.000	< 0.500	< 2.649	4.500
Cypermethrin	ug/l	AS	32	32		0	0.000	< 0.001	< 0.011	< 0.080
Dicamba	ug/l	AS	32	32		0	0.000	< 0.007	< 0.026	< 0.080
Dichlobenil	ug/l	AS	32	32		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.013	< 0.050
Dieldrin	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
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	0.003
Fenpropimorph	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.024	0.025
Fluroxypyr	ug/l	AS	32	32		0	0.000	< 0.005	< 0.021	< 0.060
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.020	0.123	0.800
Glyphosate	ug/l	AS	32	32		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	32	32		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.050	7.420	7.810
Iron	ug Fe/l	S	36	36		1	2.778	< 2.000	< 48.575	231.400
Isoproturon	ug/l	AS	32	32		0	0.000	< 0.002	< 0.007	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 2.573	17.220
Linuron	ug/l	AS	32	32		0	0.000	< 0.003	< 0.019	< 0.070
MCPA	ug/l	AS	32	32		0	0.000	0.010	0.033	0.085
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 4.598	15.210
Mecoprop	ug/l	AS	32	32		0	0.000	< 0.003	< 0.015	< 0.040
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.014	0.056
Metalaxyl	ug/l	AS	32	32		0	0.000	< 0.002	< 0.009	< 0.020
Metoxuron	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.140	1.644	2.593
Nitrate	mg NO3/l	S	8	8		0	0.000	0.521	2.598	3.950
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.010	0.013
Odour	Diln No	S	36	35		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	< 0.002	< 0.010	< 0.030

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.075	0.155
Phorate	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.030
Prometryn	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.020
Propachlor	ug/l	AS	32	32	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.007	< 0.030
Propyzamide	ug/l	AS	32	32	0	0.000	< 0.002	< 0.017	< 0.050
Prothiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.193	0.307	0.923
Simazine	ug/l	AS	32	32	0	0.000	< 0.003	< 0.008	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	7.664	13.713	19.118
Sulphate	mg SO4/l	AS	8	8	0	0.000	62.232	70.887	85.895
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.030	0.225	0.880
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.120	1.525	2.080
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.917	43.389	64.972
Total coliforms	No./100 ml	S	108	108	1	0.926	0.000	0.213	23.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.004	< 0.020	< 0.060
Trifluralin	ug/l	AS	32	32	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.180	0.422	1.380

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43254

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 25-JUN-2013 (ZS0107AE) Iron = 231 ug Fe/.
 Sample failed 26-NOV-2013 (ZS0107AE) Total coliforms = 23 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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	0.097	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48	0	0.000	< 0.004	< 0.019	< 0.060
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.003	< 0.014	< 0.060
Aldrin	ug/l	AS	48	49	0	0.000	< 0.001	< 0.005	< 0.020
Aluminium	ug Al/l	S	36	36	0	0.000	1.715	43.382	124.100
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.010	0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.022	0.094	0.229
Arsenic	ug/l As	S	8	8	0	0.000	0.291	0.324	0.415
Asulam	ug/l	AS	48	48	0	0.000	< 0.003	< 0.010	< 0.050
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.024	0.055
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	< 0.014	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.803	1.700
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.003	< 0.009	< 0.040
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.031	0.071
Carbendazim	ug/l	AS	48	48	0	0.000	< 0.001	< 0.003	< 0.015
Chloride	mg Cl/l	AS	24	24	0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	48	48	0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.030
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.003	< 0.008	< 0.030
Chromium	ug/l Cr	S	8	8	0	0.000	0.057	0.184	0.384
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.006	< 0.017	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	730	730	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 8.583	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	> 10.194	>300.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.510	1.342	3.880
Conductivity	uS/cm 20 C	AS	365	365	0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.012	0.047
Cyanide	ug/l	AS	48	49	0	0.000	< 0.300	< 2.572	8.100
Cypermethrin	ug/l	AS	48	48	0	0.000	< 0.001	< 0.010	< 0.080
Dicamba	ug/l	AS	48	48	0	0.000	< 0.007	< 0.020	< 0.080
Dichlobenil	ug/l	AS	48	48	0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.010	< 0.050
Dieldrin	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.020
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	0.003
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.002	< 0.007	< 0.020
Fluoride	mg F/l	AS	24	24	0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.005	< 0.018	< 0.060
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.170	0.600
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.030
Heptachlor	ug/l	AS	48	48	0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	48	48	0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	36	36	0	0.000	6.690	7.413	8.220
Iron	ug Fe/l	S	36	36	0	0.000	1.859	14.865	109.900
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.020
Lead	ug Pb/l	S	8	8	0	0.000	0.068	3.392	19.060
Linuron	ug/l	AS	48	48	0	0.000	< 0.003	< 0.014	< 0.070
MCPA	ug/l	AS	48	48	0	0.000	< 0.004	< 0.021	0.052
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.067	10.300
Mecoprop	ug/l	AS	48	48	0	0.000	< 0.003	< 0.012	< 0.040
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.013	0.023
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.113	0.733	2.686
Nitrate	mg NO3/l	S	8	8	0	0.000	0.173	2.661	4.364
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.012	0.019
Odour	Diln No	S	36	35	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	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.063	0.155
Phorate	ug/l	AS	48	48	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.030
Prometryn	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.020
Propachlor	ug/l	AS	48	48	0	0.000	< 0.002	< 0.007	< 0.020
Propiconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	ug/l	AS	48	48	0	0.000	< 0.002	< 0.015	< 0.050
Prothioconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.177	0.360	0.875
Simazine	ug/l	AS	48	48	0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	5.271	9.727	18.317
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.210	0.243
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	0.030	0.279	0.690
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	0	0.000	16.777	37.377	59.119
Total coliforms	No./100 ml	S	108	108	2	1.852	0.000	0.315	26.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.004	< 0.015	< 0.060
Trifluralin	ug/l	AS	48	48	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	36	36	0	0.000	0.150	0.337	0.610

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40260

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 18-APR-2013 (ZS0108AE) Total coliforms = 8 No./100.
 Sample failed 25-NOV-2013 (ZS0108AE) 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 - ZS0109 - Dorisland Whiteabbey

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 34.376	194.800
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	0.038
Antimony	ug/l Sb	S	8	8		0	0.000	0.006	0.043	0.123
Arsenic	ug/l As	S	8	8		0	0.000	0.274	0.354	0.573
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.012	0.023
Bromate	ug/l	S	8	8		0	0.000	1.300	1.750	2.200
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.013	0.024
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	15.988	18.052	20.183
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.301	0.421	0.635
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.611	47.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.111	1.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.660	1.499	5.710
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	246.000	284.505	317.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.002	0.007
Cyanide	ug/l	AS	8	8		0	0.000	0.660	2.195	3.600
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.013
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.024	0.025
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.013	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.020	0.151	0.570
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.004
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	6.810	7.326	7.840
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 25.788	95.610
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	0.055	0.393	0.582
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	< 0.037	0.085
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 4.430	16.420
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.010	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.011	0.024
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
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 1.665	2.301
Nitrate	mg NO3/l	S	8	8		0	0.000	0.198	2.430	3.941
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.011	0.019
Odour	Diln No	S	36	35		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

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.068	0.097
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.006
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 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	< 0.403	0.732
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	11.758	13.503	17.568
Sulphate	mg SO4/l	AS	8	8	0	0.000	62.232	70.887	85.895
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.060	0.274	0.680
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	1.120	1.525	2.080
Total Trihalomethanes	ug/l	S	8	8	0	0.000	27.688	40.236	63.162
Total coliforms	No./100 ml	S	108	108	2	1.852	0.000	0.148	10.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.008	< 0.011	0.019
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.190	0.352	0.640

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44280

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 30-JUL-2013 (ZS0109AE) Total coliforms = 10 No./100.
 Sample failed 28-AUG-2013 (ZS0109AE) Total coliforms = 6 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	25	24	0	0.000	< 0.004	< 0.025	< 0.060
2,4-DB	ug/l	AS	25	24	0	0.000	< 0.003	< 0.020	< 0.060
Aldrin	ug/l	AS	25	24	0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.000	< 24.209	66.490
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	0.010	0.027
Antimony	ug/l Sb	S	8	8	0	0.000	0.073	0.144	0.410
Arsenic	ug/l As	S	8	8	0	0.000	0.277	0.338	0.480
Asulam	ug/l	AS	25	24	0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	25	24	0	0.000	< 0.002	< 0.008	< 0.020
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	< 0.017	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.300	< 0.613	1.900
Bromoxynil	ug/l	AS	25	24	0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.023	0.057
Carbendazim	ug/l	AS	25	24	0	0.000	< 0.001	< 0.004	< 0.015
Chlorothalonil	ug/l	AS	25	24	0	0.000	< 0.001	< 0.010	< 0.010
Chlorotoluron	ug/l	AS	25	24	0	0.000	< 0.002	< 0.011	< 0.030
Chlorpyrifos	ug/l	AS	25	24	0	0.000	< 0.003	< 0.012	< 0.030
Chromium	ug/l Cr	S	8	8	0	0.000	0.136	0.295	0.447
Clopyralid	ug/l	AS	25	24	0	0.000	< 0.006	< 0.027	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	367	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.694	46.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.194	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.710	1.928	15.940
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.059	0.297
Cyanide	ug/l	AS	25	24	0	0.000	< 0.500	< 2.800	4.500
Cypermethrin	ug/l	AS	25	24	0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	25	24	0	0.000	< 0.007	< 0.032	< 0.080
Dichlobenil	ug/l	AS	25	24	0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	25	24	0	0.000	< 0.003	< 0.016	< 0.050
Dieldrin	ug/l	AS	25	24	0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	25	24	0	0.000	< 0.002	< 0.002	0.003
Fenpropimorph	ug/l	AS	25	24	0	0.000	< 0.002	< 0.008	< 0.020
Fluroxypyr	ug/l	AS	25	24	0	0.000	< 0.006	< 0.024	< 0.060
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.020	0.127	0.310
Glyphosate	ug/l	AS	25	24	0	0.000	< 0.002	< 0.009	< 0.030
Heptachlor	ug/l	AS	25	24	0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	25	24	0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	25	24	0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36	0	0.000	7.130	7.461	8.320
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 16.475	225.500
Isoproturon	ug/l	AS	25	24	0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.400	0.651
Linuron	ug/l	AS	25	24	0	0.000	< 0.003	< 0.023	< 0.070
MCPA	ug/l	AS	25	24	0	0.000	0.010	0.031	0.052
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.521	12.880
Mecoprop	ug/l	AS	25	24	0	0.000	0.007	< 0.017	< 0.040
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.012	0.020
Metalaxyl	ug/l	AS	25	24	0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	25	24	0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8	0	0.000	0.994	2.189	6.132
Nitrate	mg NO3/l	S	8	8	0	0.000	0.198	1.934	3.885
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	0.012	0.022
Odour	Diln No	S	36	34	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	25	24	0	0.000	< 0.002	< 0.012	< 0.030
Pesticides - Total Substances	ug/l	AS	25	24	0	0.000	< 0.050	< 0.077	0.155
Phorate	ug/l	AS	25	24	0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	25	24	0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Prometryn ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.020
Propachlor ug/l	AS	25	24		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.008	< 0.030
Propyzamide ug/l	AS	25	24		0	0.000	< 0.002	< 0.019	< 0.050
Prothioconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	0.169	0.295	0.672
Simazine ug/l	AS	25	24		0	0.000	< 0.003	< 0.010	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	12.214	16.309	19.438
Taste Diln No	S	36	34		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	25	24		0	0.000	< 0.002	< 0.002	0.003
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	84	84		0	0.000	0.030	0.250	0.500
Total Trihalomethanes ug/l	S	8	8		0	0.000	37.397	52.520	67.504
Total coliforms No./100 ml	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	25	24		0	0.000	< 0.004	< 0.023	< 0.060
Trifluralin ug/l	AS	25	24		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	36	36		0	0.000	0.170	0.338	0.780

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31794

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 08-APR-2013 (ZS0111AE) Iron = 226 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 - ZS0201 - Dorisland Carrick

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.057	< 0.095	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.004	< 0.014	< 0.016
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 38.149	196.800
Ammonium	mg NH4/l	S	36	36		0	0.000	0.007	0.011	0.028
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.090	0.365
Arsenic	ug/l As	S	8	8		0	0.000	0.286	0.354	0.547
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.022	0.036
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	< 0.031	0.159
Bromate	ug/l	S	8	8		0	0.000	0.430	1.529	2.200
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.064	0.336
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	8	8		0	0.000	15.988	18.052	20.183
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.360	0.515	0.799
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.007	0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.222	6.000
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	0.770	1.394	2.270
Conductivity	uS/cm 20 C	AS	104	105		0	0.000	246.000	284.505	317.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.002	0.007
Cyanide	ug/l	AS	8	8		0	0.000	0.660	2.195	3.600
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.008	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.013
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.024	0.025
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.013	0.017
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.030	0.203	0.640
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.004
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	6.900	7.351	7.950
Iron	ug Fe/l	S	36	36		0	0.000	1.527	24.176	91.830
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	< 1.032	3.349
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	< 0.037	0.085
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 5.227	34.030
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.010	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.009	0.012
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
Nickel	ug Ni/l	S	8	8		0	0.000	1.078	1.933	2.754
Nitrate	mg NO3/l	S	8	8		0	0.000	0.432	2.419	3.979
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.010	0.015
Odour	Diln No	S	36	35		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

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.068	0.097
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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propachlor	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.006
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.010	< 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	< 0.402	1.149
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	11.854	13.857	19.152
Sulphate	mg SO4/l	AS	8	8	0	0.000	62.232	70.887	85.895
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.080	0.340	0.690
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	1.120	1.525	2.080
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.312	38.165	49.876
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.008	< 0.011	0.019
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.150	0.348	0.760

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41959

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 - ZS0401 - Drumaroad Bangor

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.004	< 0.014	0.020
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	25		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	76	76		0	0.000	8.172	53.527	185.500
Ammonium	mg NH4/l	S	76	76		0	0.000	< 0.010	< 0.011	0.038
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.064	0.099
Arsenic	ug/l As	S	8	8		0	0.000	0.273	< 0.297	< 0.300
Asulam	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.020
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	< 0.013	0.033
Bromate	ug/l	S	8	8		0	0.000	0.330	0.843	1.200
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.034	0.071
Carbendazim	ug/l	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.010
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	0.059	0.149	0.291
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	3.961	125.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	1.026	64.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.510	1.184	5.530
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.011
Cyanide	ug/l	AS	24	25		0	0.000	< 0.300	< 2.354	8.100
Cypermethrin	ug/l	AS	24	24		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	0.019
Dichlobenil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.010
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.014
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	0.020	0.411	0.890
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	76	76		0	0.000	6.590	7.293	8.230
Iron	ug Fe/l	S	76	76		0	0.000	1.546	22.544	147.300
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.078	0.718	2.229
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	< 0.011	0.023
Manganese	ug Mn/l	S	76	76		0	0.000	0.081	1.371	6.211
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.008	< 0.010
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
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.210	0.361
Nitrate	mg NO3/l	S	8	8		0	0.000	1.472	2.756	3.906
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	75		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	0.010

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.059
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
Prometryn	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	< 0.299	0.789
Simazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.137	6.522	7.866
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	76	73	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.040	0.466	0.940
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	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	1	12.500	16.928	39.241	125.556
Total coliforms	No./100 ml	S	204	204	4	1.961	0.000	0.059	8.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	76	76	0	0.000	0.120	0.312	0.720

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 80788

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 20-MAY-2013 (ZS0401AE) Total Trihalomethanes = 125.6 ug/l.
 Sample failed 18-JUL-2013 (ZS0401AE) Total coliforms = 8 No./100.
 Sample failed 11-SEP-2013 (ZS0401AE) Total coliforms = 1 No./100.
 Sample failed 17-SEP-2013 (ZS0401AE) Total coliforms = 1 No./100.
 Sample failed 29-OCT-2013 (ZS0401AE) 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 - ZS0404 - Drumaroad Ards

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.139	0.415
2,4-D	ug/l	AS	24	24		0	0.000	< 0.004	< 0.014	0.020
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	25		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	76	76		1	1.316	18.770	60.944	210.600
Ammonium	mg NH4/l	S	76	76		0	0.000	0.009	0.011	0.041
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.056	0.081
Arsenic	ug/l As	S	8	8		0	0.000	0.296	0.314	0.419
Asulam	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.041	0.191
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	0.017
Bromate	ug/l	S	8	8		0	0.000	0.430	1.271	3.900
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.025	0.048
Carbendazim	ug/l	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.010
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	0.080	0.142	0.298
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	> 11.882	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	1.316	33.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.520	1.213	6.450
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.001	0.002
Cyanide	ug/l	AS	24	25		0	0.000	< 0.300	< 2.354	8.100
Cypermethrin	ug/l	AS	24	24		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	0.019
Dichlobenil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.010
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.014
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	0.020	0.386	1.450
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	76	76		0	0.000	6.960	7.389	8.400
Iron	ug Fe/l	S	76	76		1	1.316	1.559	32.450	303.400
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.118	0.376	0.541
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	< 0.011	0.023
Manganese	ug Mn/l	S	76	76		0	0.000	< 0.100	< 1.883	24.790
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	0.010	0.012
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
Nickel	ug Ni/l	S	8	8		0	0.000	0.107	0.193	0.310
Nitrate	mg NO3/l	S	8	8		0	0.000	1.596	2.616	3.198
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	76	75		1	1.282	0.000	0.013	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	0.010

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.059
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
Prometryn	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	< 0.243	0.509
Simazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.258	6.762	7.430
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	76	73	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.273	0.784
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.105	0.138
Total - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.040	0.444	1.660
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	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	0	0.000	15.402	24.519	32.725
Total coliforms	No./100 ml	S	204	204	5	2.451	0.000	0.397	64.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	76	76	0	0.000	0.110	0.410	2.040

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 83358

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 07-OCT-2013 (ZS0404AE) Aluminium = 211 ug Al/.
 Sample failed 07-OCT-2013 (ZS0404AE) Iron = 303 ug Fe/.
 Sample failed 05-FEB-2013 (ZS0404AE) Odour = 1 Diln No.
 Sample failed 25-SEP-2013 (ZS0404AE) Total coliforms = 1 No./100.
 Sample failed 01-OCT-2013 (ZS0404AE) Total coliforms = 1 No./100.
 Sample failed 07-OCT-2013 (ZS0404AE) Total coliforms = 13 No./100.
 Sample failed 05-NOV-2013 (ZS0404AE) Total coliforms = 2 No./100.
 Sample failed 12-DEC-2013 (ZS0404AE) Total coliforms = 64 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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.004	< 0.014	0.020
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	25		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 44.251	170.900
Ammonium	mg NH4/l	S	52	52		0	0.000	0.009	0.011	0.049
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.073	0.137
Arsenic	ug/l As	S	8	8		0	0.000	0.282	< 0.298	< 0.300
Asulam	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.010	0.022
Bromate	ug/l	S	8	8		0	0.000	0.400	0.981	1.600
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.037	0.072
Carbendazim	ug/l	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.010
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	0.071	0.203	0.469
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.365	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.481	9.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.590	1.360	6.200
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.004	0.010
Cyanide	ug/l	AS	24	25		0	0.000	< 0.300	< 2.354	8.100
Cypermethrin	ug/l	AS	24	24		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	0.019
Dichlobenil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.010
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	144	144		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.014
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	144	144		0	0.000	0.020	0.186	0.590
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	52	52		0	0.000	6.770	7.358	8.840
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 23.120	187.400
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.058	0.428	1.154
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	< 0.011	0.023
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.484	11.920
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.016	0.039
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
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.440	2.089
Nitrate	mg NO3/l	S	8	8		0	0.000	0.578	2.661	4.062
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.012	0.022
Odour	Diln No	S	52	48		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	0.010

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.059
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
Prometryn	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	0.150	0.238	0.437
Simazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.292	8.172	13.454
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	52	48	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.030	0.302	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	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	1	12.500	21.501	36.907	104.705
Total coliforms	No./100 ml	S	144	144	3	2.083	0.000	0.076	9.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	52	52	0	0.000	0.085	0.319	0.610

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59659

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 14-MAY-2013 (ZS0501AE) Total Trihalomethanes = 104.7 ug/l.
 Sample failed 18-APR-2013 (ZS0501AE) Total coliforms = 1 No./100.
 Sample failed 26-APR-2013 (ZS0501AE) Total coliforms = 1 No./100.
 Sample failed 16-MAY-2013 (ZS0501AE) 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 - ZS0502 - Forked Bridge Dunmurry

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.005	< 0.026	< 0.050
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.020	< 0.050
Aldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	52	52		0	0.000	< 1.000	< 19.915	61.540
Ammonium	mg NH4/l	S	52	52		0	0.000	0.007	0.011	0.030
Antimony	ug/l Sb	S	8	8		0	0.000	0.040	0.116	0.144
Arsenic	ug/l As	S	8	8		0	0.000	0.289	0.364	0.581
Asulam	ug/l	AS	9	8		0	0.000	< 0.004	< 0.017	< 0.050
Bentazone	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.021	0.031
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.022	0.033
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.319	0.450
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.005	0.023	0.056
Carbendazim	ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.010
Chlorothalonil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.288	0.425	0.643
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.006	< 0.034	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	106	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	1.538	58.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.808	13.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.540	1.302	2.610
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.150	0.951
Cyanide	ug/l	AS	9	9		0	0.000	< 0.500	< 2.733	< 4.000
Cypermethrin	ug/l	AS	9	8		0	0.000	< 0.001	< 0.017	< 0.080
Dicamba	ug/l	AS	9	8		0	0.000	< 0.007	< 0.033	< 0.080
Dichlobenil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.003	< 0.015	< 0.040
Dieldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
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	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.004	< 0.010	< 0.020
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.006	< 0.020	< 0.060
Free - Residual disinfectant	mg Cl/l	S	144	145		0	0.000	0.020	0.258	0.890
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.002	< 0.017	< 0.060
Heptachlor	ug/l	AS	9	8		0	0.000	< 0.001	< 0.008	< 0.020
Heptachlor epoxide	ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	9	8		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.380	7.636	7.950
Iron	ug Fe/l	S	52	52		0	0.000	< 2.000	< 23.579	163.300
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.435	3.765	11.780
Linuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.030
MCPA	ug/l	AS	9	8		0	0.000	0.002	0.024	0.041
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.658	17.640
Mecoprop	ug/l	AS	9	8		0	0.000	< 0.002	< 0.015	0.022
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.009	0.018
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.935	1.209	1.525
Nitrate	mg NO3/l	S	8	8		0	0.000	0.204	1.550	3.591
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.016	0.029
Odour	Diln No	S	52	50		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	< 0.050	< 0.082	0.141
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.003	< 0.009	< 0.020

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 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
Prometryn	AS	9	8		0	0.000	< 0.004	< 0.010	< 0.020
Propachlor	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.020
Propyzamide	AS	9	8		0	0.000	< 0.002	< 0.013	< 0.020
Prothioconazole	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.196	0.412	1.085
Simazine	AS	9	8		0	0.000	< 0.003	< 0.013	< 0.030
Sodium	S	8	8		0	0.000	16.377	18.620	21.909
Taste	S	52	50		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	9	8		0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	145		0	0.000	0.030	0.414	1.070
Total Trihalomethanes	S	8	8		0	0.000	52.907	63.358	78.812
Total coliforms	S	144	145		0	0.000	0.000	0.000	0.000
Triclopyr	AS	9	8		0	0.000	< 0.005	< 0.024	< 0.050
Trifluralin	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Turbidity	S	52	52		0	0.000	0.160	0.376	0.840

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 58674

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.093	< 0.099	< 0.100
2,4-D	ug/l	AS	9	8		0	0.000	< 0.005	< 0.026	< 0.050
2,4-DB	ug/l	AS	9	8		0	0.000	< 0.003	< 0.020	< 0.050
Aldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	< 1.000	< 22.668	57.360
Ammonium	mg NH4/l	S	24	24		0	0.000	0.005	0.010	0.016
Antimony	ug/l Sb	S	8	8		0	0.000	0.067	0.119	0.150
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.451	0.685
Asulam	ug/l	AS	9	8		0	0.000	< 0.004	< 0.017	< 0.050
Bentazone	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.025	0.057
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.007	0.019	0.029
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	0.006	0.015	0.034
Carbendazim	ug/l	AS	9	8		0	0.000	< 0.001	< 0.004	< 0.010
Chlorothalonil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Chlorpyrifos	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.182	0.361	0.468
Clopyralid	ug/l	AS	9	8		0	0.000	< 0.006	< 0.034	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	106	104		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	1.458	24.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	3.000	36.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.720	1.515	2.450
Copper	mg Cu/l	S	8	8		0	0.000	0.001	0.009	0.025
Cyanide	ug/l	AS	9	9		0	0.000	< 0.500	< 2.733	< 4.000
Cypermethrin	ug/l	AS	9	8		0	0.000	< 0.001	< 0.017	< 0.080
Dicamba	ug/l	AS	9	8		0	0.000	< 0.007	< 0.033	< 0.080
Dichlobenil	ug/l	AS	9	8		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	9	8		0	0.000	< 0.003	< 0.015	< 0.040
Dieldrin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
E. coli	No./100 ml	S	72	72		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	9	8		0	0.000	< 0.004	< 0.010	< 0.020
Fluroxypyr	ug/l	AS	9	8		0	0.000	< 0.006	< 0.020	< 0.060
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	0.020	0.365	0.840
Glyphosate	ug/l	AS	9	8		0	0.000	< 0.002	< 0.017	< 0.060
Heptachlor	ug/l	AS	9	8		0	0.000	< 0.001	< 0.008	< 0.020
Heptachlor epoxide	ug/l	AS	9	8		0	0.000	< 0.002	< 0.008	< 0.020
Hexachlorobenzene	ug/l	AS	9	8		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	24	24		0	0.000	7.390	7.645	7.920
Iron	ug Fe/l	S	24	24		0	0.000	1.877	19.263	140.900
Isoproturon	ug/l	AS	9	8		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.051	0.294	0.520
Linuron	ug/l	AS	9	8		0	0.000	< 0.003	< 0.014	< 0.030
MCPA	ug/l	AS	9	8		0	0.000	0.002	0.024	0.041
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.676	12.130
Mecoprop	ug/l	AS	9	8		0	0.000	< 0.002	< 0.015	0.022
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.009	0.015
Metalaxyl	ug/l	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.996	1.302	2.026
Nitrate	mg NO3/l	S	8	8		0	0.000	0.168	1.378	3.112
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.014	0.022
Odour	Diln No	S	24	22		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Pesticides - Total Substances	ug/l	AS	9	8		0	0.000	< 0.050	< 0.082	0.141
Phorate	ug/l	AS	9	8		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	9	8		0	0.000	< 0.003	< 0.009	< 0.020

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
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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
Prometryn ug/l	AS	9	8		0	0.000	< 0.004	< 0.010	< 0.020
Propachlor ug/l	AS	9	8		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.007	< 0.020
Propyzamide ug/l	AS	9	8		0	0.000	< 0.002	< 0.013	< 0.020
Prothioconazole ug/l	AS	9	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.546	1.029
Simazine ug/l	AS	9	8		0	0.000	< 0.003	< 0.013	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	16.824	18.845	21.542
Taste Diln No	S	24	22		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	9	8		0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.205	0.242
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	0.522	1.140
Total Trihalomethanes ug/l	S	8	8		0	0.000	29.306	51.823	77.849
Total coliforms No./100 ml	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	9	8		0	0.000	< 0.005	< 0.024	< 0.050
Trifluralin ug/l	AS	9	8		0	0.000	< 0.001	< 0.005	< 0.010
Turbidity NTU	S	24	24		0	0.000	0.160	0.350	0.580

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 26610

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 - ZS0601 - Drumaroad Ballynahinch

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.004	< 0.014	0.020
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	25		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	52	52		2	3.846	9.685	58.875	320.500
Ammonium	mg NH4/l	S	52	52		0	0.000	0.008	0.010	0.031
Antimony	ug/l Sb	S	8	8		0	0.000	0.054	0.070	0.097
Arsenic	ug/l As	S	8	8		0	0.000	0.257	< 0.284	< 0.300
Asulam	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.020
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	0.021
Bromate	ug/l	S	8	8		0	0.000	0.300	0.875	1.600
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Cadmium	ug/l Cd	S	8	8		0	0.000	0.019	0.043	0.063
Carbendazim	ug/l	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.010
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	0.069	0.215	0.553
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.654	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.250	6.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.550	1.191	5.840
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.006	0.030
Cyanide	ug/l	AS	24	25		0	0.000	< 0.300	< 2.354	8.100
Cypermethrin	ug/l	AS	24	24		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	0.019
Dichlobenil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.010
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
E. coli	No./100 ml	S	144	145		1	0.690	0.000	0.007	1.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.004	< 0.005	0.014
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	144	145		0	0.000	0.020	0.472	0.840
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	52	52		0	0.000	6.510	7.258	7.860
Iron	ug Fe/l	S	52	52		0	0.000	1.684	18.633	125.700
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8		0	0.000	0.056	1.824	9.857
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	< 0.011	0.023
Manganese	ug Mn/l	S	52	52		0	0.000	0.059	2.129	19.320
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.015	0.040
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
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.346	1.104
Nitrate	mg NO3/l	S	8	8		0	0.000	1.672	2.655	3.098
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	< 0.009	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	0.010

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.059
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
Prometryn	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	0.159	0.241	0.399
Simazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.352	6.479	7.175
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
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	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	144	145	0	0.000	0.090	0.521	0.870
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	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	8	0	0.000	17.139	27.114	57.699
Total coliforms	No./100 ml	S	144	145	1	0.690	0.000	0.007	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	52	52	0	0.000	0.110	0.334	1.480

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55361

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 10-JUN-2013 (ZS0601AE) Aluminium = 273 ug Al/.
 Sample failed 02-SEP-2013 (ZS0601AE) Aluminium = 321 ug Al/.
 Sample failed 03-JUN-2013 (ZS0601AE) E. coli = 1 No./100.
 Sample failed 03-JUN-2013 (ZS0601AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24		0	0.000	< 0.004	< 0.014	0.020
2,4-DB	ug/l	AS	24	24		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	24	25		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	36	36		1	2.778	21.900	61.355	206.200
Ammonium	mg NH4/l	S	36	36		0	0.000	0.009	0.010	0.017
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.055	0.129
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.317	0.432
Asulam	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	0.008
Benzene	ug/l	S	8	9		0	0.000	< 0.020	< 0.021	0.029
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	< 0.001	< 0.011	0.021
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.846	1.400
Bromoxynil	ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	0.010
Cadmium	ug/l Cd	S	8	8		0	0.000	0.008	0.034	0.070
Carbendazim	ug/l	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Chloride	mg Cl/l	AS	24	24		0	0.000	7.268	10.194	12.659
Chlorothalonil	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.010
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	0.070	0.149	0.287
Clopyralid	ug/l	AS	24	24		0	0.000	< 0.006	< 0.007	0.011
Clostridium perfringens (sulph red)	No./100 ml	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.222	5.000
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	0.550	1.331	6.160
Conductivity	uS/cm 20 C	AS	365	365		0	0.000	60.000	75.745	91.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.008	0.027
Cyanide	ug/l	AS	24	25		0	0.000	< 0.300	< 2.354	8.100
Cypermethrin	ug/l	AS	24	24		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	0.019
Dichlobenil	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.007
Dichlorprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	0.010
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	0.014
Fluoride	mg F/l	AS	24	24		0	0.000	0.048	0.097	0.135
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.020	0.434	1.440
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	0.004
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Hydrogen Ion	pH value	S	36	36		0	0.000	6.610	7.283	7.890
Iron	ug Fe/l	S	36	36		0	0.000	< 2.000	< 16.550	161.900
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	0.063	0.273	0.571
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	< 0.011	0.023
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 2.468	18.090
Mecoprop	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	0.006	0.012	0.033
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
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.100	< 0.318	1.483
Nitrate	mg NO3/l	S	8	8		0	0.000	1.593	2.649	3.188
Nitrite	mg NO2/l	S	8	8		0	0.000	0.006	< 0.009	< 0.010
Odour	Diln No	S	36	34		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	0.010

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.059
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
Prometryn	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.008
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	0.182	0.260	0.661
Simazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	5.304	6.464	7.115
Sulphate	mg SO4/l	AS	24	24	0	0.000	2.086	12.598	17.343
Taste	Diln No	S	36	34	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.005
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	9	0	0.000	0.165	< 0.196	< 0.200
Tetrachloromethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.482	1.470
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	0.309	0.999	2.480
Total Trihalomethanes	ug/l	S	8	9	0	0.000	17.309	31.202	70.389
Total coliforms	No./100 ml	S	108	108	1	0.926	0.000	0.287	31.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.100	< 5.100	< 5.100
Turbidity	NTU	S	36	36	0	0.000	0.140	0.303	0.680

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41099

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 09-MAY-2013 (ZS0602AE) Aluminium = 206 ug Al/.
 Sample failed 19-JUL-2013 (ZS0602AE) Total coliforms = 31 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 - ZS0802 - Castor Bay Lurgan

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	21		0	0.000	< 0.005	< 0.021	< 0.050
2,4-DB	ug/l	AS	20	21		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	20	22		0	0.000	< 0.001	< 0.006	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	3.055	19.540	40.390
Ammonium	mg NH4/l	S	24	24		0	0.000	0.008	0.010	0.018
Antimony	ug/l Sb	S	8	8		0	0.000	0.076	0.122	0.147
Arsenic	ug/l As	S	8	8		0	0.000	0.296	0.407	0.527
Asulam	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.050
Bentazone	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.022	0.037
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	< 0.019	0.028
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Bromoxynil	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.025	0.043
Carbendazim	ug/l	AS	20	21		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	9	8		0	0.000	14.398	15.237	16.423
Chlorothalonil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.030
Chlorpyrifos	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.201	0.361	0.493
Clopyralid	ug/l	AS	20	21		0	0.000	< 0.006	< 0.023	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	286	284		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.417	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.875	21.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.520	1.678	8.150
Conductivity	uS/cm 20 C	AS	26	25		0	0.000	149.000	164.520	185.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.025	0.086
Cyanide	ug/l	AS	20	21		0	0.000	< 0.500	< 2.542	< 4.000
Cypermethrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	20	21		0	0.000	< 0.007	< 0.022	< 0.080
Dichlobenil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.020
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	21		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Fluoride	mg F/l	AS	9	8		0	0.000	< 0.024	< 0.031	0.044
Fluroxypyr	ug/l	AS	20	21		0	0.000	< 0.005	< 0.017	< 0.060
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	0.020	0.305	0.950
Glyphosate	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	24	24		1	4.167	6.200	7.388	7.720
Iron	ug Fe/l	S	24	24		0	0.000	< 2.000	< 41.237	115.700
Isoproturon	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.054	0.816	2.362
Linuron	ug/l	AS	20	21		0	0.000	< 0.003	< 0.013	< 0.070
MCPA	ug/l	AS	20	21		0	0.000	0.005	0.022	0.046
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.813	8.958
Mecoprop	ug/l	AS	20	21		0	0.000	< 0.002	< 0.014	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.007	0.013	0.036
Metalaxyl	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	1.098	1.386	1.685
Nitrate	mg NO3/l	S	8	8		0	0.000	0.195	1.360	3.105
Nitrite	mg NO2/l	S	8	8		0	0.000	0.005	0.011	0.019
Odour	Diln No	S	24	20		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	21		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	20	21	0	0.000	< 0.050	< 0.065	0.121
Phorate	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.020
Prometryn	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.030
Propachlor	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.030
Propyzamide	ug/l	AS	20	21	0	0.000	< 0.002	< 0.013	< 0.050
Prothioconazole	ug/l	AS	20	21	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.510	0.941
Simazine	ug/l	AS	20	21	0	0.000	< 0.003	< 0.009	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	16.045	17.668	20.093
Sulphate	mg SO4/l	AS	9	8	0	0.000	20.123	26.186	30.803
Taste	Diln No	S	24	20	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.207	0.253
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	0.030	0.415	1.020
Total Indicative Dose	mSv/year	AS	3	1	0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	mg C/l	AS	9	8	0	0.000	1.250	1.916	2.770
Total Trihalomethanes	ug/l	S	8	8	0	0.000	35.851	53.711	72.483
Total coliforms	No./100 ml	S	72	72	1	1.389	0.000	0.597	43.000
Triclopyr	ug/l	AS	20	21	0	0.000	< 0.004	< 0.016	< 0.050
Trifluralin	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.190	0.454	1.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29023

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 19-MAR-2013 (ZS0802AE) Hydrogen Ion = 6.20 pH va.
 Sample failed 01-JUL-2013 (ZS0802AE) Total coliforms = 43 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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.061	< 0.095	< 0.100
2,4-D	ug/l	AS	20	21		0	0.000	< 0.005	< 0.021	< 0.050
2,4-DB	ug/l	AS	20	21		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	20	22		0	0.000	< 0.001	< 0.006	< 0.020
Aluminium	ug Al/l	S	76	76		0	0.000	< 1.000	< 22.197	140.600
Ammonium	mg NH4/l	S	76	76		0	0.000	0.005	0.010	0.018
Antimony	ug/l Sb	S	8	8		0	0.000	0.042	0.114	0.145
Arsenic	ug/l As	S	8	8		0	0.000	0.259	0.392	0.521
Asulam	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.050
Bentazone	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.022	0.038
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	0.020	0.035
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.609	1.500
Bromoxynil	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.021	0.058
Carbendazim	ug/l	AS	20	21		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	9	8		0	0.000	14.398	15.237	16.423
Chlorothalonil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.030
Chlorpyrifos	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.262	0.464	1.139
Clopyralid	ug/l	AS	20	21		0	0.000	< 0.006	< 0.023	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	286	284		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76		0	0.000	0.000	1.829	108.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76		0	0.000	0.000	0.474	25.000
Colour	mg/l Pt/Co	S	76	76		0	0.000	0.530	1.408	2.360
Conductivity	uS/cm 20 C	AS	26	25		0	0.000	149.000	164.520	185.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.010	0.030
Cyanide	ug/l	AS	20	21		0	0.000	< 0.500	< 2.542	< 4.000
Cypermethrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	20	21		0	0.000	< 0.007	< 0.022	< 0.080
Dichlobenil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.020
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	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Fluoride	mg F/l	AS	9	8		0	0.000	< 0.024	< 0.031	0.044
Fluroxypyr	ug/l	AS	20	21		0	0.000	< 0.005	< 0.017	< 0.060
Free - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	0.020	0.482	1.290
Glyphosate	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	76	76		0	0.000	6.910	7.433	7.820
Iron	ug Fe/l	S	76	76		4	5.263	< 2.000	< 62.493	732.500
Isoproturon	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.727	2.786
Linuron	ug/l	AS	20	21		0	0.000	< 0.003	< 0.013	< 0.070
MCPA	ug/l	AS	20	21		0	0.000	0.005	0.022	0.046
Manganese	ug Mn/l	S	76	76		1	1.316	< 0.100	< 5.591	74.650
Mecoprop	ug/l	AS	20	21		0	0.000	< 0.002	< 0.014	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.009	0.012
Metalaxyl	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.991	1.325	1.869
Nitrate	mg NO3/l	S	8	8		0	0.000	0.107	1.588	3.476
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.014	0.032
Odour	Diln No	S	76	72		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	21		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	20	21		0	0.000	< 0.050	< 0.065	0.121
Phorate	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Prometryn	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Propachlor	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.030
Propyzamide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.013	< 0.050
Prothioconazole	ug/l	AS	20	21		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8		0	0.000	< 0.200	< 0.401	0.754
Simazine	ug/l	AS	20	21		0	0.000	< 0.003	< 0.009	< 0.030
Sodium	mg Na/l	S	8	8		0	0.000	17.538	18.493	21.419
Sulphate	mg SO4/l	AS	9	8		0	0.000	20.123	26.186	30.803
Taste	Diln No	S	76	72		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8		0	0.000	0.153	< 0.194	< 0.200
Tetrachloromethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	204	204		0	0.000	0.070	0.607	1.360
Total Indicative Dose	mSv/year	AS	3	1		0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	mg C/l	AS	9	8		0	0.000	1.250	1.916	2.770
Total Trihalomethanes	ug/l	S	8	8		0	0.000	30.786	47.882	74.683
Total coliforms	No./100 ml	S	204	204		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	20	21		0	0.000	< 0.004	< 0.016	< 0.050
Trifluralin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	76	76		1	1.316	0.095	0.542	4.820

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 84119

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 26-MAR-2013 (ZS0808AE) Iron = 372 ug Fe/.
 Sample failed 15-APR-2013 (ZS0808AE) Iron = 226 ug Fe/.
 Sample failed 09-SEP-2013 (ZS0808AE) Iron = 733 ug Fe/.
 Sample failed 02-DEC-2013 (ZS0808AE) Iron = 560 ug Fe/.
 Sample failed 09-SEP-2013 (ZS0808AE) Manganese = 74.7 ug Mn.
 Sample failed 09-SEP-2013 (ZS0808AE) Turbidity = 4.8 NTU.

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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	21		0	0.000	< 0.005	< 0.021	< 0.050
2,4-DB	ug/l	AS	20	21		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	20	22		0	0.000	< 0.001	< 0.006	< 0.020
Aluminium	ug Al/l	S	52	52		1	1.923	4.026	29.803	290.100
Ammonium	mg NH4/l	S	52	52		0	0.000	0.007	0.011	0.039
Antimony	ug/l Sb	S	8	8		0	0.000	0.074	0.121	0.175
Arsenic	ug/l As	S	8	8		0	0.000	0.256	0.345	0.462
Asulam	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.050
Bentazone	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.021	0.035
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.409	0.760
Bromoxynil	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.014	0.029
Carbendazim	ug/l	AS	20	21		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	9	8		0	0.000	14.398	15.237	16.423
Chlorothalonil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.030
Chlorpyrifos	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.326	0.568	1.475
Clopyralid	ug/l	AS	20	21		0	0.000	< 0.006	< 0.023	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	286	284		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	5.154	260.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.288	10.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.560	1.253	4.100
Conductivity	uS/cm 20 C	AS	26	25		0	0.000	149.000	164.520	185.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.007	0.020
Cyanide	ug/l	AS	20	21		0	0.000	< 0.500	< 2.542	< 4.000
Cypermethrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	20	21		0	0.000	< 0.007	< 0.022	< 0.080
Dichlobenil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.020
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	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Fluoride	mg F/l	AS	9	8		0	0.000	< 0.024	< 0.031	0.044
Fluroxypyr	ug/l	AS	20	21		0	0.000	< 0.005	< 0.017	< 0.060
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.020	0.465	1.320
Glyphosate	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	52	52		0	0.000	7.100	7.449	7.800
Iron	ug Fe/l	S	52	52		1	1.923	< 2.000	< 23.517	220.100
Isoproturon	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.591	1.239
Linuron	ug/l	AS	20	21		0	0.000	< 0.003	< 0.013	< 0.070
MCPA	ug/l	AS	20	21		0	0.000	0.005	0.022	0.046
Manganese	ug Mn/l	S	52	52		1	1.923	0.099	5.715	74.120
Mecoprop	ug/l	AS	20	21		0	0.000	< 0.002	< 0.014	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.008	0.011	0.021
Metalaxyl	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	1.011	1.268	1.556
Nitrate	mg NO3/l	S	8	8		0	0.000	0.156	1.647	3.716
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.010	< 0.014	0.030
Odour	Diln No	S	52	49		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	21		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	20	21	0	0.000	< 0.050	< 0.065	0.121
Phorate	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.020
Prometryn	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.030
Propachlor	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.030
Propyzamide	ug/l	AS	20	21	0	0.000	< 0.002	< 0.013	< 0.050
Prothioconazole	ug/l	AS	20	21	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.403	0.735
Simazine	ug/l	AS	20	21	0	0.000	< 0.003	< 0.009	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	16.441	17.919	19.395
Sulphate	mg SO4/l	AS	9	8	0	0.000	20.123	26.186	30.803
Taste	Diln No	S	52	49	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.030	0.590	1.480
Total Indicative Dose	mSv/year	AS	3	1	0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	mg C/l	AS	9	8	0	0.000	1.250	1.916	2.770
Total Trihalomethanes	ug/l	S	8	8	0	0.000	29.222	56.179	74.594
Total coliforms	No./100 ml	S	156	156	1	0.641	0.000	0.006	1.000
Triclopyr	ug/l	AS	20	21	0	0.000	< 0.004	< 0.016	< 0.050
Trifluralin	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.150	0.439	1.950

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63552

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 11-MAR-2013 (ZS0809AE) Aluminium = 290 ug Al/.
 Sample failed 13-FEB-2013 (ZS0809AE) E. coli = 1 No./100.
 Sample failed 18-FEB-2013 (ZS0809AE) Iron = 220 ug Fe/.
 Sample failed 11-MAR-2013 (ZS0809AE) Manganese = 74.1 ug Mn.
 Sample failed 13-FEB-2013 (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 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	12	13		0	0.000	< 0.005	< 0.024	< 0.050
2,4-DB	ug/l	AS	12	13		0	0.000	< 0.003	< 0.018	< 0.050
Aldrin	ug/l	AS	12	13		0	0.000	< 0.002	< 0.009	< 0.020
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 22.857	71.800
Ammonium	mg NH4/l	S	36	36		0	0.000	0.006	0.010	0.013
Antimony	ug/l Sb	S	8	8		0	0.000	0.038	0.123	0.270
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.403	0.603
Asulam	ug/l	AS	12	13		0	0.000	< 0.003	< 0.015	< 0.050
Bentazone	ug/l	AS	12	13		0	0.000	< 0.002	< 0.007	< 0.020
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	< 0.018	0.034
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.360	0.780
Bromoxynil	ug/l	AS	12	13		0	0.000	< 0.003	< 0.013	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.031	0.076
Carbendazim	ug/l	AS	12	13		0	0.000	< 0.001	< 0.004	< 0.010
Chlorothalonil	ug/l	AS	12	13		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.030
Chlorpyrifos	ug/l	AS	12	13		0	0.000	< 0.003	< 0.013	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.079	0.407	0.560
Clopyralid	ug/l	AS	12	13		0	0.000	< 0.006	< 0.032	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	262	260		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.000	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	3.500	86.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.530	1.259	2.170
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.009	0.018
Cyanide	ug/l	AS	12	13		0	0.000	< 0.500	< 2.552	< 4.000
Cypermethrin	ug/l	AS	12	13		0	0.000	< 0.001	< 0.014	< 0.080
Dicamba	ug/l	AS	12	13		0	0.000	< 0.007	< 0.030	< 0.080
Dichlobenil	ug/l	AS	12	13		0	0.000	< 0.001	< 0.006	< 0.010
Dichlorprop	ug/l	AS	12	13		0	0.000	< 0.003	< 0.014	< 0.040
Dieldrin	ug/l	AS	12	13		0	0.000	< 0.002	< 0.009	< 0.020
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	12	13		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.030
Fluroxypyr	ug/l	AS	12	13		0	0.000	< 0.006	< 0.021	< 0.060
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.040	0.470	1.380
Glyphosate	ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.030
Heptachlor	ug/l	AS	12	13		0	0.000	< 0.001	< 0.008	< 0.020
Heptachlor epoxide	ug/l	AS	12	13		0	0.000	< 0.002	< 0.007	< 0.020
Hexachlorobenzene	ug/l	AS	12	13		0	0.000	< 0.001	< 0.007	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	7.040	7.425	7.810
Iron	ug Fe/l	S	36	36		0	0.000	1.671	15.541	119.900
Isoproturon	ug/l	AS	12	13		0	0.000	< 0.002	< 0.009	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.272	1.579	6.515
Linuron	ug/l	AS	12	13		0	0.000	< 0.003	< 0.018	< 0.070
MCPA	ug/l	AS	12	13		0	0.000	0.005	0.025	0.046
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 3.604	23.140
Mecoprop	ug/l	AS	12	13		0	0.000	< 0.002	< 0.015	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	< 0.009	< 0.010
Metalaxyl	ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.020
Metoxuron	ug/l	AS	12	13		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.115	1.178	1.668
Nitrate	mg NO3/l	S	8	8		0	0.000	0.210	1.747	3.519
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.013	0.022
Odour	Diln No	S	36	33		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	13		0	0.000	< 0.002	< 0.011	< 0.030
Pesticides - Total Substances	ug/l	AS	12	13		0	0.000	< 0.050	< 0.073	0.121
Phorate	ug/l	AS	12	13		0	0.000	< 0.001	< 0.006	< 0.010
Pirimicarb	ug/l	AS	12	13		0	0.000	< 0.002	< 0.008	< 0.020

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Prometryn ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.030
Propachlor ug/l	AS	12	13		0	0.000	< 0.002	< 0.010	< 0.020
Propiconazole ug/l	AS	12	13		0	0.000	< 0.002	< 0.009	< 0.030
Propyzamide ug/l	AS	12	13		0	0.000	< 0.002	< 0.015	< 0.050
Prothioconazole ug/l	AS	12	13		0	0.000	< 0.006	< 0.006	< 0.006
Selenium ug/l Se	S	8	8		0	0.000	< 0.200	< 0.571	1.000
Simazine ug/l	AS	12	13		0	0.000	< 0.003	< 0.012	< 0.030
Sodium mg Na/l	S	8	8		0	0.000	7.722	16.396	18.871
Taste Diln No	S	36	33		0	0.000	0.000	0.000	0.000
Tebuconazole ug/l	AS	12	13		0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant mg Cl/l	S	120	120		0	0.000	0.070	0.580	1.490
Total Trihalomethanes ug/l	S	8	8		0	0.000	26.953	49.630	77.497
Total coliforms No./100 ml	S	120	120		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	12	13		0	0.000	< 0.004	< 0.021	< 0.050
Trifluralin ug/l	AS	12	13		0	0.000	< 0.001	< 0.006	< 0.010
Turbidity NTU	S	36	36		0	0.000	0.150	0.373	1.070

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 47170

This zone has a surface water source :R2308

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0901 - Camlough Newry West

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	7		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	21		0	0.000	< 0.005	< 0.021	< 0.050
2,4-DB	ug/l	AS	20	21		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	20	22		0	0.000	< 0.001	< 0.006	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	< 1.000	< 22.781	48.550
Ammonium	mg NH4/l	S	24	24		0	0.000	< 0.010	< 0.010	0.017
Antimony	ug/l Sb	S	8	8		0	0.000	0.012	0.102	0.192
Arsenic	ug/l As	S	8	8		0	0.000	0.257	0.368	0.678
Asulam	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.050
Bentazone	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8		0	0.000	0.003	0.019	0.032
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 0.333	0.560
Bromoxynil	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.020	0.047
Carbendazim	ug/l	AS	20	21		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	8	8		0	0.000	14.398	15.237	16.423
Chlorothalonil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.030
Chlorpyrifos	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.185	0.352	0.497
Clopyralid	ug/l	AS	20	21		0	0.000	< 0.006	< 0.023	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	284	284		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	37.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.375	7.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	0.710	1.253	2.230
Conductivity	uS/cm 20 C	AS	24	25		0	0.000	149.000	164.520	185.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.057	0.329
Cyanide	ug/l	AS	20	21		0	0.000	< 0.500	< 2.542	< 4.000
Cypermethrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	20	21		0	0.000	< 0.007	< 0.022	< 0.080
Dichlobenil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.020
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	21		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.031	0.044
Fluroxypyr	ug/l	AS	20	21		0	0.000	< 0.005	< 0.017	< 0.060
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	0.040	0.492	1.320
Glyphosate	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	24	24		0	0.000	7.060	7.392	7.810
Iron	ug Fe/l	S	24	24		0	0.000	1.655	16.268	127.500
Isoproturon	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.562	0.989
Linuron	ug/l	AS	20	21		0	0.000	< 0.003	< 0.013	< 0.070
MCPA	ug/l	AS	20	21		0	0.000	0.005	0.022	0.046
Manganese	ug Mn/l	S	24	24		0	0.000	0.078	4.850	26.020
Mecoprop	ug/l	AS	20	21		0	0.000	< 0.002	< 0.014	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.014	0.056
Metalaxyl	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.020
Metoxuron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.345	2.722	8.116
Nitrate	mg NO3/l	S	8	8		0	0.000	0.167	1.690	3.451
Nitrite	mg NO2/l	S	8	8		0	0.000	0.007	0.014	0.030
Odour	Diln No	S	24	23		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	21		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS0901 - Camlough Newry West
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	20	21	0	0.000	< 0.050	< 0.065	0.121
Phorate	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.020
Prometryn	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.030
Propachlor	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.030
Propyzamide	ug/l	AS	20	21	0	0.000	< 0.002	< 0.013	< 0.050
Prothioconazole	ug/l	AS	20	21	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	0.161	0.397	0.710
Simazine	ug/l	AS	20	21	0	0.000	< 0.003	< 0.009	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	13.210	16.634	23.206
Sulphate	mg SO4/l	AS	8	8	0	0.000	20.123	26.186	30.803
Taste	Diln No	S	24	23	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.090	0.598	1.460
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.250	1.916	2.770
Total Trihalomethanes	ug/l	S	8	7	0	0.000	28.490	46.057	76.648
Total coliforms	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	20	21	0	0.000	< 0.004	< 0.016	< 0.050
Trifluralin	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.106	0.383	0.930

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 25797

This zone has a surface water source :R2308

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	28	29		0	0.000	< 0.005	< 0.019	< 0.050
2,4-DB	ug/l	AS	28	29		0	0.000	< 0.003	< 0.013	< 0.050
Aldrin	ug/l	AS	28	30		0	0.000	< 0.001	< 0.005	< 0.020
Aluminium	ug Al/l	S	36	36		0	0.000	< 1.000	< 23.923	136.600
Ammonium	mg NH4/l	S	36	36		0	0.000	< 0.010	< 0.011	0.035
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.058	0.124
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.337	0.532
Asulam	ug/l	AS	28	29		0	0.000	< 0.003	< 0.009	< 0.050
Bentazone	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.020
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	< 0.013	0.021
Bromate	ug/l	S	8	8		0	0.000	1.300	1.638	2.000
Bromoxynil	ug/l	AS	28	29		0	0.000	< 0.003	< 0.008	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.022	0.051
Carbendazim	ug/l	AS	28	29		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	16	16		0	0.000	9.157	13.720	16.423
Chlorothalonil	ug/l	AS	28	29		0	0.000	< 0.001	< 0.009	< 0.010
Chlorotoluron	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.030
Chlorpyrifos	ug/l	AS	28	29		0	0.000	< 0.003	< 0.008	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.054	0.139	0.364
Clopyralid	ug/l	AS	28	29		0	0.000	< 0.006	< 0.018	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	440	441		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	0.750	20.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	1.028	27.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	0.510	1.171	2.470
Conductivity	uS/cm 20 C	AS	180	182		0	0.000	80.000	110.797	185.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.002	0.010
Cyanide	ug/l	AS	28	30		0	0.000	< 0.500	< 2.699	6.100
Cypermethrin	ug/l	AS	28	29		0	0.000	< 0.001	< 0.011	< 0.080
Dicamba	ug/l	AS	28	29		0	0.000	< 0.007	< 0.018	< 0.080
Dichlobenil	ug/l	AS	28	29		0	0.000	< 0.001	< 0.005	< 0.010
Dichlorprop	ug/l	AS	28	29		0	0.000	< 0.003	< 0.010	< 0.040
Dieldrin	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.020
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	28	29		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.030
Fluoride	mg F/l	AS	16	16		0	0.000	< 0.024	< 0.030	0.049
Fluroxypyr	ug/l	AS	28	29		0	0.000	< 0.005	< 0.016	< 0.060
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.050	0.514	1.350
Glyphosate	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.030
Heptachlor	ug/l	AS	28	29		0	0.000	< 0.001	< 0.006	< 0.020
Heptachlor epoxide	ug/l	AS	28	29		0	0.000	< 0.002	< 0.004	< 0.020
Hexachlorobenzene	ug/l	AS	28	29		0	0.000	< 0.001	< 0.006	< 0.010
Hydrogen Ion	pH value	S	36	36		0	0.000	6.930	7.385	8.130
Iron	ug Fe/l	S	36	36		2	5.556	1.703	35.098	280.600
Isoproturon	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	< 0.100	< 0.756	1.960
Linuron	ug/l	AS	28	29		0	0.000	< 0.003	< 0.011	< 0.070
MCPA	ug/l	AS	28	29		0	0.000	0.005	0.021	0.046
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.100	< 1.652	8.143
Mecoprop	ug/l	AS	28	29		0	0.000	< 0.002	< 0.012	0.023
Mercury	ug/l Hg	S	8	8		0	0.000	0.008	0.014	0.030
Metalaxyl	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.020
Metoxuron	ug/l	AS	28	29		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		0	0.000	0.170	0.430	1.399
Nitrate	mg NO3/l	S	8	8		0	0.000	0.479	0.901	1.677
Nitrite	mg NO2/l	S	8	8		0	0.000	0.009	0.012	0.022
Odour	Diln No	S	36	34		1	2.703	0.000	0.135	5.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.030

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	28	29		0	0.000	< 0.050	< 0.062	0.121
Phorate	ug/l	AS	28	29		0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.020
Prometryn	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.030
Propachlor	ug/l	AS	28	29		0	0.000	< 0.002	< 0.007	< 0.020
Propiconazole	ug/l	AS	28	29		0	0.000	< 0.002	< 0.005	< 0.030
Propyzamide	ug/l	AS	28	29		0	0.000	< 0.002	< 0.012	< 0.050
Prothioconazole	ug/l	AS	28	29		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8		0	0.000	< 0.200	< 0.277	0.617
Simazine	ug/l	AS	28	29		0	0.000	< 0.003	< 0.007	< 0.030
Sodium	mg Na/l	S	8	8		0	0.000	5.964	7.743	9.827
Sulphate	mg SO4/l	AS	16	16		0	0.000	13.651	22.837	30.803
Taste	Diln No	S	36	33		0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	28	29		0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	ug/l	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.080	0.583	1.380
Total Indicative Dose	mSv/year	AS	3	2		0	0.000	< 0.010	< 0.055	< 0.100
Total Organic Carbon	mg C/l	AS	16	16		0	0.000	0.560	1.510	2.770
Total Trihalomethanes	ug/l	S	8	8		0	0.000	14.272	32.307	49.761
Total coliforms	No./100 ml	S	96	96		2	2.083	0.000	0.031	2.000
Triclopyr	ug/l	AS	28	29		0	0.000	< 0.004	< 0.014	< 0.050
Trifluralin	ug/l	AS	28	29		0	0.000	< 0.001	< 0.005	< 0.010
Tritium	Bq/l	AS	3	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36		0	0.000	0.129	0.316	0.790

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35347

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 09-OCT-2013 (ZS0902AE) Iron = 281 ug Fe/.
 Sample failed 03-DEC-2013 (ZS0902AE) Iron = 202 ug Fe/.
 Sample failed 03-APR-2013 (ZS0902AE) Odour = 5 Diln No.
 Sample failed 20-AUG-2013 (ZS0902AE) Total coliforms = 1 No./100.
 Sample failed 29-AUG-2013 (ZS0902AE) 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 - ZS0904 - Fofanny Mourne

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.065	< 0.096	< 0.100
2,4-D	ug/l	AS	8	8		0	0.000	< 0.016	< 0.016	0.018
2,4-DB	ug/l	AS	8	8		0	0.000	< 0.003	< 0.008	< 0.010
Aldrin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Aluminium	ug Al/l	S	52	52		0	0.000	0.868	25.926	135.500
Ammonium	mg NH4/l	S	52	52		0	0.000	0.007	0.011	0.025
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.010	< 0.079	0.153
Arsenic	ug/l As	S	8	8		0	0.000	0.285	< 0.298	< 0.300
Asulam	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Bentazone	ug/l	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.025	0.058
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	< 0.013	0.027
Bromate	ug/l	S	8	8		0	0.000	0.700	1.438	2.400
Bromoxynil	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Cadmium	ug/l Cd	S	8	8		0	0.000	0.009	0.031	0.109
Carbendazim	ug/l	AS	8	8		0	0.000	< 0.001	< 0.001	0.003
Chloride	mg Cl/l	AS	8	8		0	0.000	9.157	12.203	14.078
Chlorothalonil	ug/l	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.010
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	0.067	0.131	0.256
Clopyralid	ug/l	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52		0	0.000	0.000	0.192	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52		0	0.000	0.000	0.500	8.000
Colour	mg/l Pt/Co	S	52	52		0	0.000	0.500	1.100	2.560
Conductivity	uS/cm 20 C	AS	156	157		0	0.000	80.000	102.242	124.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.004	0.013
Cyanide	ug/l	AS	8	9		0	0.000	1.300	3.067	6.100
Cypermethrin	ug/l	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Dicamba	ug/l	AS	8	8		0	0.000	< 0.007	< 0.009	< 0.012
Dichlobenil	ug/l	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.007
Dichlorprop	ug/l	AS	8	8		0	0.000	< 0.003	< 0.006	0.012
Dieldrin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
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	AS	8	8		0	0.000	< 0.024	< 0.028	0.049
Fluroxypyr	ug/l	AS	8	8		0	0.000	< 0.005	< 0.012	< 0.014
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.050	0.629	1.250
Glyphosate	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	0.008
Heptachlor	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Heptachlor epoxide	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Hydrogen Ion	pH value	S	52	52		0	0.000	6.850	7.368	7.940
Iron	ug Fe/l	S	52	52		3	5.769	1.594	45.490	872.800
Isoproturon	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	9		0	0.000	0.193	0.717	2.673
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	< 0.017	0.023
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.100	< 2.500	24.740
Mecoprop	ug/l	AS	8	8		0	0.000	< 0.004	< 0.008	0.018
Mercury	ug/l Hg	S	8	8		0	0.000	0.005	0.012	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
Nickel	ug Ni/l	S	8	8		0	0.000	0.097	0.392	1.150
Nitrate	mg NO3/l	S	8	8		0	0.000	0.593	1.289	2.922
Nitrite	mg NO2/l	S	8	8		0	0.000	0.009	0.013	0.030
Odour	Diln No	S	52	50		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

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.052	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
Prometryn	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
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	< 0.217	0.283
Simazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Sodium	mg Na/l	S	8	8	0	0.000	6.394	7.759	9.029
Sulphate	mg SO4/l	AS	8	8	0	0.000	13.651	19.489	23.638
Taste	Diln No	S	52	50	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	< 0.208	0.261
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	0.110	0.711	1.420
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	0.560	1.104	1.780
Total Trihalomethanes	ug/l	S	8	8	0	0.000	12.520	29.437	50.133
Total coliforms	No./100 ml	S	156	156	1	0.641	0.000	0.122	19.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	1	1.923	0.130	0.412	4.180

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 60626

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 29-JAN-2013 (ZS0904AE) Iron = 230 ug Fe/.
 Sample failed 10-SEP-2013 (ZS0904AE) Iron = 873 ug Fe/.
 Sample failed 10-DEC-2013 (ZS0904AE) Iron = 206 ug Fe/.
 Sample failed 07-FEB-2013 (ZS0904AE) Total coliforms = 19 No./100.
 Sample failed 05-JUN-2013 (ZS0904AE) 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 - Zs1001 - Carran Hill Crossmaglen

Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8		0	0.000	0.059	< 0.095	< 0.100
2,4-D	ug/l	AS	20	21		0	0.000	< 0.005	< 0.021	< 0.050
2,4-DB	ug/l	AS	20	21		0	0.000	< 0.003	< 0.014	< 0.050
Aldrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.020
Aluminium	ug Al/l	S	24	24		0	0.000	0.651	26.697	143.600
Ammonium	mg NH4/l	S	24	24		0	0.000	0.005	0.011	0.021
Antimony	ug/l Sb	S	8	8		0	0.000	0.026	0.138	0.219
Arsenic	ug/l As	S	8	8		0	0.000	< 0.300	< 0.447	0.582
Asulam	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.050
Bentazone	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Benzene	ug/l	S	8	8		0	0.000	< 0.020	< 0.025	0.038
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	< 0.015	0.026
Bromate	ug/l	S	8	8		0	0.000	< 0.300	< 2.150	3.600
Bromoxynil	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.040
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.010	< 0.026	0.060
Carbendazim	ug/l	AS	20	21		0	0.000	< 0.001	< 0.003	< 0.010
Chloride	mg Cl/l	AS	8	8		0	0.000	16.036	18.831	20.890
Chlorothalonil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.009	< 0.012
Chlorotoluron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.030
Chlorpyrifos	ug/l	AS	20	21		0	0.000	< 0.003	< 0.010	< 0.030
Chromium	ug/l Cr	S	8	8		0	0.000	0.168	0.257	0.395
Clopyralid	ug/l	AS	20	21		0	0.000	< 0.006	< 0.023	< 0.080
Clostridium perfringens (sulph red)	No./100 ml	AS	296	296		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24		0	0.000	0.000	0.125	2.000
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	0.930	1.719	3.250
Conductivity	uS/cm 20 C	AS	36	36		0	0.000	215.000	249.556	275.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.001	< 0.018	0.066
Cyanide	ug/l	AS	20	22		0	0.000	< 0.500	< 3.176	5.400
Cypermethrin	ug/l	AS	20	21		0	0.000	< 0.001	< 0.012	< 0.080
Dicamba	ug/l	AS	20	21		0	0.000	< 0.007	< 0.022	< 0.080
Dichlobenil	ug/l	AS	20	21		0	0.000	< 0.001	< 0.006	< 0.014
Dichlorprop	ug/l	AS	20	21		0	0.000	< 0.003	< 0.011	< 0.040
Dieldrin	ug/l	AS	20	21		0	0.000	< 0.002	< 0.007	< 0.020
E. coli	No./100 ml	S	36	36		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	20	21		0	0.000	< 0.002	< 0.010	0.041
Fluoride	mg F/l	AS	8	8		0	0.000	< 0.024	< 0.029	0.042
Fluroxypyr	ug/l	AS	20	21		0	0.000	< 0.005	< 0.018	< 0.060
Free - Residual disinfectant	mg Cl/l	S	36	36		0	0.000	0.080	0.741	1.230
Glyphosate	ug/l	AS	20	21		0	0.000	< 0.002	< 0.008	< 0.030
Heptachlor	ug/l	AS	20	21		0	0.000	< 0.001	< 0.007	< 0.020
Heptachlor epoxide	ug/l	AS	20	21		0	0.000	< 0.002	< 0.005	< 0.020
Hexachlorobenzene	ug/l	AS	20	21		0	0.000	< 0.001	< 0.007	< 0.011
Hydrogen Ion	pH value	S	24	24		0	0.000	7.010	7.437	8.150
Iron	ug Fe/l	S	24	24		2	8.333	1.731	38.418	349.800
Isoproturon	ug/l	AS	20	21		0	0.000	< 0.002	< 0.006	< 0.020
Lead	ug Pb/l	S	8	8		0	0.000	0.106	0.612	2.156
Linuron	ug/l	AS	20	21		0	0.000	< 0.003	< 0.013	< 0.070
MCPA	ug/l	AS	20	21		0	0.000	0.005	0.024	0.046
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.100	< 2.756	21.470
Mecoprop	ug/l	AS	20	21		0	0.000	< 0.002	< 0.016	0.027
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.010	< 0.013	0.033
Metalaxyl	ug/l	AS	20	21		0	0.000	< 0.002	< 0.009	< 0.020
Metoxuron	ug/l	AS	20	21		0	0.000	< 0.002	< 0.002	< 0.002
Nickel	ug Ni/l	S	8	8		1	12.500	1.482	9.659	63.010
Nitrate	mg NO3/l	S	8	8		0	0.000	0.813	2.710	4.458
Nitrite	mg NO2/l	S	8	8		0	0.000	0.008	0.020	0.057
Odour	Diln No	S	24	23		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	21		0	0.000	< 0.002	< 0.008	< 0.030

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
 Printed On 15-JAN-2014 : NI Water : Period 01-JAN-2013 to 31-DEC-2013 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pesticides - Total Substances	ug/l	AS	20	21	0	0.000	< 0.050	< 0.079	0.201
Phorate	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.010
Pirimicarb	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.020
Prometryn	ug/l	AS	20	21	0	0.000	< 0.002	< 0.009	< 0.030
Propachlor	ug/l	AS	20	21	0	0.000	< 0.002	< 0.008	< 0.020
Propiconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.006	< 0.030
Propyzamide	ug/l	AS	20	21	0	0.000	< 0.002	< 0.013	< 0.050
Prothioconazole	ug/l	AS	20	21	0	0.000	< 0.006	< 0.006	< 0.006
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.492	0.740
Simazine	ug/l	AS	20	21	0	0.000	< 0.003	< 0.009	< 0.030
Sodium	mg Na/l	S	8	8	0	0.000	10.910	12.647	14.663
Sulphate	mg SO4/l	AS	8	8	0	0.000	39.758	52.078	58.881
Taste	Diln No	S	24	23	0	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	20	21	0	0.000	< 0.002	< 0.002	0.002
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	0.176	0.207	0.279
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.270	0.854	1.330
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.270	2.438	3.390
Total Trihalomethanes	ug/l	S	8	8	0	0.000	38.271	59.740	77.959
Total coliforms	No./100 ml	S	36	36	1	2.778	0.000	0.056	2.000
Triclopyr	ug/l	AS	20	21	0	0.000	< 0.004	< 0.017	< 0.050
Trifluralin	ug/l	AS	20	21	0	0.000	< 0.001	< 0.005	< 0.015
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.140	0.338	0.930

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 14816

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 22-APR-2013 (ZS1001AE) Iron = 350 ug Fe/.
 Sample failed 03-SEP-2013 (ZS1001AE) Iron = 222 ug Fe/.
 Sample failed 03-SEP-2013 (ZS1001AE) Nickel = 63.01 ug N.
 Sample failed 16-MAY-2013 (ZS1001AE) 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