

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	0	0.000	11.920	34.607	195.400
Ammonium	mg NH4/l	S	76	76	0	0.000	0.005	0.011	0.063
Antimony	ug/l Sb	S	8	8	0	0.000	0.039	0.063	0.088
Arsenic	ug/l As	S	8	8	0	0.000	0.271	0.325	0.403
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.015	0.024
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.011	1.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.015	0.037
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.292	0.418	0.669
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.987	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.105	3.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.730	1.567	2.870
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.008	0.018
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 1.794	< 5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.006
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.002	< 0.025	< 0.080
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	216	216	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	216	216	0	0.000	0.020	0.178	0.770
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	76	76	0	0.000	7.010	7.537	7.950
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 17.874	145.800
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.082	0.524	0.937
Linuron	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.011	0.040
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.009
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 2.824	9.268
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.017	0.027
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.744	1.163	1.676
Nitrate	mg NO3/l	S	8	8	0	0.000	0.096	1.212	2.413

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.019
Odour	Diln No	S	76	76	2	2.632	0.000	0.026	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	< 0.003	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.365	0.821
Simazine	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	11.537	13.445	14.203
Taste	Diln No	S	76	76	1	1.316	0.000	0.013	1.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	216	216	0	0.000	0.090	0.290	2.000
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Trihalomethanes	ug/l	S	8	8	0	0.000	28.780	42.059	53.588
Total coliforms	No./100 ml	S	216	216	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	76	76	0	0.000	0.120	0.250	0.440
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 85508

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 06-JUN-2011 (ZN0101AE) Odour = 1 Diln No.

Sample failed 15-JUN-2011 (ZN0101AE) Odour = 1 Diln No.

Sample failed 06-JUN-2011 (ZN0101AE) Taste = 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 - ZN0202 - Altnahinch Bushmills

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	5.459	35.844	99.710
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.010	0.018
Antimony	ug/l Sb	S	8	8	0	0.000	0.015	0.045	0.082
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	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.013	0.034
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.526	2.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.016	0.034
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	11.606	12.453	13.527
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.251	0.557
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	> 14.125	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.125	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.710	1.620	2.990
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	151.000	187.306	225.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.014	0.063
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 2.225	4.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.031	0.072
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.007
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.187	0.973
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.020	0.255	0.700
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.940	7.281	7.670
Iron	ug Fe/l	S	24	24	1	4.167	3.621	57.930	228.400
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.125	0.570	0.985
Linuron	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.881	10.110

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.021	0.055
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.792	1.237	1.731
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 0.573	1.002
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.054	0.076
Phorate	ug/l	AS	8	6	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.157	0.213	0.441
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	7.983	8.637	9.781
Sulphate	mg SO4/l	AS	8	8	0	0.000	48.108	62.108	74.215
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.040	0.359	0.820
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.770	2.430	3.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	31.621	58.240	90.668
Total coliforms	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.262	0.590
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27638

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 20-JUL-2011 (ZN0202AE) Iron = 228 ug Fe/.

Notes:

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

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

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							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	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	4	4	0	0.000	< 1.000	< 12.320	26.920
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	< 0.011	0.012
Arsenic	ug/l As	S	4	4	0	0.000	< 0.300	< 0.341	0.464
Asulam	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	0.026	0.038	0.044
Bromate	ug/l	S	4	4	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.005	< 0.007	0.013
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Carbendazim	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	4	4	0	0.000	63.019	67.317	70.823
Chlormequat	ug/l	AS	4	4	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	4	4	0	0.000	< 0.100	< 0.334	0.517
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.016	< 0.016	< 0.016
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	16.250	64.000
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	1.520	1.700	2.120
Conductivity	uS/cm 20 C	AS	4	7	0	0.000	460.000	472.429	480.000
Copper	mg Cu/l	S	4	4	0	0.000	< 0.001	< 0.005	0.015
Cyanide	ug/l	AS	4	4	0	0.000	0.610	0.868	1.200
Cypermethrin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorbenil	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	4	4	0	0.000	< 0.024	< 0.270	1.005
Fluroxypyr	ug/l	AS	4	4	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.070	0.434	0.880
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	8.520	8.640	8.750
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 8.220	22.810
Isoproturon	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	4	4	0	0.000	0.388	0.670	0.816
Linuron	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	4	4	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	4	4	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	4	4	0	0.000	0.724	6.000	17.460

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	4	4	0	0.000	0.007	0.021	0.039
Metalaxyl	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	4	4	0	0.000	0.091	0.196	0.423
Nitrate	mg NO3/l	S	4	4	0	0.000	0.104	0.177	0.290
Nitrite	mg NO2/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	4	4	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	4	4	0	0.000	< 0.200	< 0.475	1.086
Simazine	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	4	4	0	0.000	92.831	102.399	118.576
Sulphate	mg SO4/l	AS	4	4	0	0.000	14.735	15.156	15.331
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.100	< 0.150	< 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	0.130	0.498	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	4	4	0	0.000	1.650	1.970	2.230
Total Trihalomethanes	ug/l	S	4	4	0	0.000	45.466	53.723	69.926
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	4	4	0	0.000	0.150	0.175	0.230
op'-DDT	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 118

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	1.722	27.436	105.300
Ammonium	mg NH4/l	S	24	24	0	0.000	0.008	0.011	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.037	0.078
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.302	0.312
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	0.006	0.013	0.025
Bromate	ug/l	S	8	8	0	0.000	1.100	1.638	2.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.014	0.033
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	9.419	11.128	14.148
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.101	0.254	0.421
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	9.958	167.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.083	22.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.680	1.457	2.660
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	112.000	141.222	183.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.011	0.049
Cyanide	ug/l	AS	8	8	0	0.000	1.900	3.050	4.500
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.028	0.062
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.037	0.110
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.020	< 0.244	0.710
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.850	7.215	7.920
Iron	ug Fe/l	S	24	24	1	4.167	1.691	57.337	200.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.616	1.187
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.439	2.862	6.783

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.023	0.037
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.377	0.685	1.729
Nitrate	mg NO3/l	S	8	8	0	0.000	0.090	0.160	0.352
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.053	0.067
Phorate	ug/l	AS	8	6	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.257	0.634
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.661	8.411	11.409
Sulphate	mg SO4/l	AS	8	8	0	0.000	29.823	41.327	54.916
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	< 0.020	< 0.299	0.750
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	1.280	1.790	2.510
Total Trihalomethanes	ug/l	S	8	8	0	0.000	22.408	42.623	70.676
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.090	0.248	0.570
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 17215

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 17-OCT-2011 (ZN0302AE) Iron = 201 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 - ZN0303 - Dunore Point Ballymena

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	1.930	21.304	33.160
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.011	0.033
Antimony	ug/l Sb	S	8	8	0	0.000	0.066	0.106	0.140
Arsenic	ug/l As	S	8	8	0	0.000	0.263	0.321	0.402
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.012	0.025
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	< 0.010	< 0.010
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.324	0.482	0.683
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	36	36	0	0.000	0.000	7.750	131.000
Colony Counts 37 (48hrs)	No./l ml	S	36	36	0	0.000	0.000	0.389	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.580	1.846	3.110
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.010	0.029
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	< 0.020	< 0.096	0.740
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	36	0	0.000	7.090	7.455	8.050
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 17.956	82.100
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.043	5.581
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.735	14.080
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.045	0.149
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.905	1.172	1.526
Nitrate	mg NO3/l	S	8	8	0	0.000	0.351	1.704	3.785

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.021
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.159	0.228	0.354
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	12.217	18.347	22.746
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	< 0.020	< 0.213	0.930
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.271	42.101	51.405
Total coliforms	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.170	0.270	0.580
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 34113

This zone has a surface water source :R1303

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.002	< 0.005	< 0.010
Aldrin	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	6.633	20.575	40.190
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.013	0.047
Antimony	ug/l Sb	S	8	8	0	0.000	0.011	0.053	0.110
Arsenic	ug/l As	S	8	8	0	0.000	0.289	0.305	0.352
Asulam	ug/l	AS	32	32	0	0.000	< 0.003	< 0.007	< 0.010
Atrazine	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.005
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.009	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.414	2.500
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.011	0.016
Carbendazim	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	9.419	11.128	14.148
Chlormequat	ug/l	AS	32	30	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Chlorpyrifos	ug/l	AS	32	30	0	0.000	< 0.005	< 0.009	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.463	1.357
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.708	22.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.000	13.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.940	1.520	2.250
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	112.000	141.222	183.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.056	0.204
Cyanide	ug/l	AS	32	32	0	0.000	< 0.300	< 2.142	< 5.000
Cypermethrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	32	32	0	0.000	< 0.005	< 0.006	< 0.006
Dicamba	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	0.062
Dichlorbenil	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	< 0.007
Dichlorophen	ug/l	AS	32	32	0	0.000	< 0.003	< 0.020	< 0.100
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006
Dichlorvos	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.008
Dieldrin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	32	30	0	0.000	< 0.003	< 0.004	< 0.007
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	32	30	0	0.000	< 0.002	< 0.003	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.037	0.110
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.002	< 0.006	< 0.013
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	< 0.020	< 0.045	0.280
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.010
Heptachlor	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.260	7.542	8.190
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 61.977	221.600
Isoproturon	ug/l	AS	32	30	0	0.000	< 0.002	< 0.003	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.095	0.955	3.937
Linuron	ug/l	AS	32	30	0	0.000	< 0.004	< 0.005	< 0.005
MCPA	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	32	32	0	0.000	< 0.002	< 0.005	< 0.020
MCCP(Mecoprop)	ug/l	AS	32	32	0	0.000	< 0.002	< 0.011	0.033
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 3.259	13.300

WATER SUPPLY ZONE - ZN0305 - Dungonnell Ahoghill

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.017	0.030
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.494	0.666	0.974
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 2.949	20.593
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	30	0	0.000	< 0.002	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	0.005
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.051	0.067
Phorate	ug/l	AS	32	29	0	0.000	< 0.005	< 0.008	< 0.009
Propazine	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.279	0.469
Simazine	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	8.500	11.387	14.719
Sulphate	mg SO4/l	AS	8	8	0	0.000	29.823	41.327	54.916
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.020	0.086	0.380
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	1.280	1.790	2.510
Total Trihalomethanes	ug/l	S	8	8	0	0.000	17.360	45.386	67.668
Total coliforms	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.011
Trifluralin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.130	0.325	0.760
op'-DDT	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006
pp'-DDT	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 15700

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 07-MAR-2011 (ZN0305AE) Iron = 222 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 - ZN0401 - Dunore Point Antrim

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	8.861	26.586	184.100
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.010	0.024
Antimony	ug/l Sb	S	8	8	0	0.000	0.088	0.121	0.157
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.352	0.459
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	< 0.019	0.035
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.015	0.039
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.240	0.448	0.575
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	> 16.135	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	> 9.981	>300.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.620	1.840	3.180
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.027	0.064
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	144	144	1	0.694	0.000	0.271	39.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.020	0.106	0.420
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	52	53	0	0.000	7.000	7.459	8.090
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 31.154	212.300
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	0.109	0.381	0.602
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 4.379	18.010
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.018	0.030
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.075	1.225	1.355
Nitrate	mg NO3/l	S	8	8	0	0.000	0.317	1.757	4.186

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
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	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.316	0.597
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	18.889	19.958	21.743
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.060	0.231	0.630
Total Trihalomethanes	ug/l	S	8	8	0	0.000	28.105	40.851	50.753
Total coliforms	No./100 ml	S	144	144	1	0.694	0.000	0.271	39.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	52	52	0	0.000	0.090	0.315	0.870
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 57135

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 26-OCT-2011 (ZN0401AE) E. coli = 39 No./100.

Sample failed 16-MAY-2011 (ZN0401AE) Iron = 212 ug Fe/.

Sample failed 26-OCT-2011 (ZN0401AE) Total coliforms = 39 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	5.518	28.350	75.000
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.012	0.037
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.063	0.154
Arsenic	ug/l As	S	8	8	0	0.000	0.255	0.310	0.379
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.014	0.029
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.301	1.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.016	0.035
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	12.902	15.852	20.697
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.137	0.281	0.479
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	4.861	58.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	3.722	114.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.980	1.744	2.810
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	148.000	200.942	271.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.010	0.040
Cyanide	ug/l	AS	8	8	0	0.000	2.000	3.513	5.400
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.018	0.044
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.027	0.047
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	< 0.020	< 0.198	0.720
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	6.780	7.544	8.760
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 54.449	225.700
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.081	1.116	2.607
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 3.808	9.087

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.015	0.029
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.978	1.354	2.568
Nitrate	mg NO3/l	S	8	8	0	0.000	0.079	1.076	2.054
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	0.012
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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.053	0.070
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	0.020
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.163	0.298	0.577
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.576	11.358	12.357
Sulphate	mg SO4/l	AS	8	8	0	0.000	37.470	47.347	61.002
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.020	0.630	44.000
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.980	2.356	2.600
Total Trihalomethanes	ug/l	S	8	8	0	0.000	40.442	57.929	70.557
Total coliforms	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.287	0.530
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46925

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 07-FEB-2011 (ZN0402AE) 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 - ZN0501 - Moyola Magherafelt

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	14.580	29.311	49.260
Ammonium	mg NH4/l	S	36	36	0	0.000	0.007	0.012	0.029
Antimony	ug/l Sb	S	8	8	0	0.000	0.076	0.111	0.155
Arsenic	ug/l As	S	8	8	0	0.000	0.269	0.320	0.410
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.024	1.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.022	0.068
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.011
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.098	0.458	0.653
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.250	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.806	28.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.520	1.123	2.360
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.020	0.071
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 1.843	< 5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.006
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.002	< 0.026	< 0.080
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.020	< 0.205	0.970
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	37	0	0.000	7.260	7.605	7.910
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 29.959	289.000
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	0.073	0.393	0.779
Linuron	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.017
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.629	12.890
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.036
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.744	1.129	1.370
Nitrate	mg NO3/l	S	8	8	0	0.000	0.104	2.311	6.160

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S 8	9		0	0.000	< 0.010	< 0.019	0.056
Odour	Diln No	S 36	36		1	2.778	0.000	0.083	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	< 0.003	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS 8	8		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS 8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S 8	8		0	0.000	< 0.200	< 0.347	0.780
Simazine	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S 8	8		0	0.000	10.807	14.894	18.663
Taste	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S 8	8		0	0.000	< 0.100	< 0.150	< 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	0.020	0.409	1.320
Total Indicative Dose	mSv/year	AS 2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Trihalomethanes	ug/l	S 8	8		0	0.000	30.916	39.182	46.676
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	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	Bq/l	AS 2	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S 36	36		0	0.000	0.130	0.250	0.520
op'-DDT	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40213

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 13-APR-2011 (ZN0501AE) Iron = 289 ug Fe/.

Sample failed 15-AUG-2011 (ZN0501AE) 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 - ZN0502 - Lough Fea Cookstown

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	0.007	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	1	4.167	13.930	54.479	634.900
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.013	0.038
Antimony	ug/l Sb	S	8	8	0	0.000	0.063	0.131	0.374
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	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	0.040
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.031
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.012	0.023
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	7.422	9.358	10.898
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	0.008
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.110	0.265	0.492
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.125	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.208	4.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.520	1.176	2.090
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	119.000	133.750	146.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.033
Cyanide	ug/l	AS	8	8	0	0.000	1.600	2.950	5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	0.007	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.011	0.021
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	0.009
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
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	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.020	< 0.399	0.890
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.940	7.286	8.820
Iron	ug Fe/l	S	24	24	0	0.000	1.914	31.499	137.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.070	0.750	1.243
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.050	1.737	15.270

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.025	0.073
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.358	0.545	0.955
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 0.409	0.704
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.010
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	< 0.005	< 0.006	0.013
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.195	0.206	0.251
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	4.644	5.165	5.460
Sulphate	mg SO4/l	AS	8	8	0	0.000	35.461	38.520	39.976
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.020	0.596	1.220
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.220	1.556	2.090
Total Trihalomethanes	ug/l	S	8	8	0	0.000	19.497	38.700	53.482
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	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	0.070	0.192	0.400
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 17468

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 14-NOV-2011 (ZN0502AE) Aluminium = 635 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0503 - Unagh Cookstown

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.008
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.007	< 0.010
Aldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.003
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	22.330	30.673	42.730
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.012	0.032
Antimony	ug/l Sb	S	8	8	0	0.000	0.071	0.097	0.123
Arsenic	ug/l As	S	8	8	0	0.000	0.275	0.295	0.302
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.008	< 0.010
Atrazine	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.005
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.021
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.013	0.037
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	0.011
Chloride	mg Cl/l	AS	8	8	0	0.000	7.422	9.358	10.898
Chlormequat	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	0.008
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.005	< 0.007	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.132	0.301	0.484
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.001	< 0.010	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.375	3.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.590	1.211	1.790
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	119.000	133.750	146.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.013	0.046
Cyanide	ug/l	AS	16	16	0	0.000	< 0.300	< 2.433	< 5.000
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.008
Diazinon	ug/l	AS	16	16	0	0.000	< 0.005	< 0.006	< 0.006
Dicamba	ug/l	AS	16	16	0	0.000	< 0.002	< 0.008	0.021
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.002	< 0.015	< 0.080
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.006	< 0.007	< 0.008
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	16	14	0	0.000	< 0.004	< 0.006	0.009
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.002	< 0.009	< 0.013
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	< 0.020	< 0.260	1.000
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.006	< 0.008	< 0.010
Heptachlor	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	24	25	0	0.000	7.000	7.542	7.760
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 24.832	142.700
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.058	0.479	1.064
Linuron	ug/l	AS	16	16	0	0.000	< 0.004	< 0.005	0.007
MCPA	ug/l	AS	16	16	0	0.000	< 0.002	< 0.007	0.017
MCPB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.009
MCPP(Mecoprop)	ug/l	AS	16	16	0	0.000	< 0.002	< 0.011	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.940	8.653

WATER SUPPLY ZONE - ZN0503 - Unagh Cookstown

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S 8	8		0	0.000	0.006	0.014	0.030
Metalaxyl	ug/l	AS 16	16		0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S 8	8		0	0.000	< 0.100	< 0.730	0.925
Nitrate	mg NO3/l	S 8	8		0	0.000	< 0.100	< 1.842	7.653
Nitrite	mg NO2/l	S 8	8		0	0.000	< 0.010	< 0.011	0.018
Odour	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS 16	16		0	0.000	< 0.003	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS 16	16		0	0.000	< 0.002	< 0.004	0.010
Pesticides - Total Substances	ug/l	AS 16	16		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS 16	16		0	0.000	< 0.005	< 0.007	0.013
Propazine	ug/l	AS 16	16		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS 16	16		0	0.000	< 0.004	< 0.005	< 0.007
Selenium	ug/l Se	S 8	8		0	0.000	< 0.200	< 0.235	0.381
Simazine	ug/l	AS 16	16		0	0.000	< 0.006	< 0.006	< 0.007
Sodium	mg Na/l	S 8	8		0	0.000	8.007	9.895	12.802
Sulphate	mg SO4/l	AS 8	8		0	0.000	35.461	38.520	39.976
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S 8	8		0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S 36	36		0	0.000	0.040	0.433	1.110
Total Indicative Dose	mSv/year	AS 2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS 8	8		0	0.000	1.220	1.556	2.090
Total Trihalomethanes	ug/l	S 8	8		0	0.000	27.372	41.820	53.176
Total coliforms	No./100 ml	S 36	36		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS 16	16		0	0.000	< 0.003	< 0.007	< 0.011
Trifluralin	ug/l	AS 16	16		0	0.000	< 0.002	< 0.005	0.008
Tritium	Bq/l	AS 2	2		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S 24	24		0	0.000	0.100	0.183	0.320
op'-DDT	ug/l	AS 16	16		0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	ug/l	AS 16	16		0	0.000	< 0.002	< 0.004	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 12003

This zone has a surface water source :R1301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	18.640	55.085	176.400
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.010	< 0.010	0.013
Antimony	ug/l Sb	S	8	8	0	0.000	0.005	0.027	0.063
Arsenic	ug/l As	S	8	8	0	0.000	0.268	< 0.292	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	0.021
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	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 3.368	5.900
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.016	0.058
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.182	0.289	0.443
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Colony Counts 22	No./l ml	S	24	24	0	0.000	0.000	4.167	78.000
Colony Counts 37 (48hrs)	No./l ml	S	24	24	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.720	1.571	2.640
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.021
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 1.794	< 5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.006
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.002	< 0.025	< 0.080
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.020	< 0.263	1.340
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	24	25	0	0.000	7.070	7.414	7.770
Iron	ug Fe/l	S	24	24	1	4.167	3.778	50.878	212.900
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	< 0.100	< 0.862	3.946
Linuron	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.011	0.040
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.009
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 5.088	14.250
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.017	0.037
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.412	0.763	1.369
Nitrate	mg NO3/l	S	8	8	0	0.000	0.409	0.875	2.106

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	0.013
Odour	Diln No	S	24	24	1	4.167	0.000	0.042	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	< 0.003	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.236	0.287
Simazine	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	12.113	14.691	19.301
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.030	0.351	1.460
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Trihalomethanes	ug/l	S	8	8	0	0.000	39.145	61.941	98.435
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	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.090	0.267	0.590
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 18785

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 20-DEC-2011 (ZN0601AE) Iron = 213 ug Fe/.

Sample failed 14-JUN-2011 (ZN0601AE) 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 - ZN0603 - Carmoney Eglinton

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	12.060	51.498	142.200
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.010	< 0.011	0.024
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.046	0.086
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.301	0.311
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.022	0.032
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	0.021
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 2.730	5.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.010	0.011
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	17.319	19.964	23.797
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.080	0.193	0.358
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	0.389	14.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.028	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.770	1.604	3.390
Conductivity	uS/cm 20 C	AS	104	103	0	0.000	195.000	248.049	326.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.006	0.018
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 2.350	4.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.022	0.068
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.026	0.037
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.070	0.352	1.070
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.050	7.495	7.730
Iron	ug Fe/l	S	36	36	0	0.000	1.817	28.274	146.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.083	0.304	0.580
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.019	0.040
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.428	19.270

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.020	0.035
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.244	0.689	1.418
Nitrate	mg NO3/l	S	8	8	0	0.000	0.632	3.372	4.921
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.016	0.060
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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.062	0.127
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.012
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.182	0.274	0.521
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.566	14.672	21.951
Sulphate	mg SO4/l	AS	8	8	0	0.000	32.849	49.754	73.464
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.140	0.468	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	1.720	2.407	3.820
Total Trihalomethanes	ug/l	S	8	8	1	12.500	19.393	62.261	128.876
Total coliforms	No./100 ml	S	108	108	1	0.926	0.000	0.028	3.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.120	0.237	0.540
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42305

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 26-OCT-2011 (ZN0603AE) Total Trihalomethanes = 128.9 ug/l.  
 Sample failed 27-SEP-2011 (ZN0603AE) Total coliforms = 3 No./100.

Notes:

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

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.010	0.024
Aluminium	ug Al/l	S	36	36	1	2.778	19.250	75.226	306.900
Ammonium	mg NH4/l	S	36	36	0	0.000	0.009	0.011	0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.005	0.030	0.067
Arsenic	ug/l As	S	8	8	0	0.000	0.257	< 0.290	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.007	0.017
Bromate	ug/l	S	8	8	0	0.000	1.300	3.850	6.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	19.496	26.092	38.186
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.116	0.308	0.676
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	4.972	179.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.139	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.500	1.524	3.360
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	159.000	212.221	267.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.007	0.016
Cyanide	ug/l	AS	8	8	0	0.000	1.200	2.988	7.300
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.010	0.024
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.017	0.058
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	5	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.048	0.110
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.020	0.237	1.330
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	37	0	0.000	7.030	7.469	8.100
Iron	ug Fe/l	S	36	36	1	2.778	2.758	66.143	396.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.385	0.685
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	1	2.778	< 0.100	< 9.140	93.180

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.034	0.136
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.466	0.701	0.803
Nitrate	mg NO3/l	S	8	8	0	0.000	0.595	1.070	3.584
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	2	5.556	0.000	0.167	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	0.013
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.052	0.067
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.009
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.238	0.475
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	13.214	15.319	21.440
Sulphate	mg SO4/l	AS	8	8	0	0.000	41.230	55.909	71.084
Taste	Diln No	S	36	36	2	5.556	0.000	0.194	4.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	< 0.020	< 0.327	1.850
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	1.270	2.252	3.790
Total Trihalomethanes	ug/l	S	8	8	1	12.500	45.382	72.858	134.340
Total coliforms	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.160	0.368	2.790
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 49383

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 28-NOV-2011 (ZN0604AE) Aluminium = 307 ug Al/.  
 Sample failed 28-NOV-2011 (ZN0604AE) Iron = 396 ug Fe/.  
 Sample failed 28-NOV-2011 (ZN0604AE) Manganese = 93.2 ug Mn.  
 Sample failed 14-MAR-2011 (ZN0604AE) Odour = 4 Diln No.  
 Sample failed 07-DEC-2011 (ZN0604AE) Odour = 2 Diln No.  
 Sample failed 14-MAR-2011 (ZN0604AE) Taste = 4 Diln No.  
 Sample failed 07-DEC-2011 (ZN0604AE) Taste = 3 Diln No.  
 Sample failed 27-SEP-2011 (ZN0604AE) Total Trihalomethanes = 134.3 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 - ZN0605 - Creggan Derry

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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	0.056	< 0.095	< 0.100
2,4-D	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.009	0.024
Aluminium	ug Al/l	S	24	24	1	4.167	19.090	67.556	204.000
Ammonium	mg NH4/l	S	24	24	0	0.000	0.007	0.014	0.058
Antimony	ug/l Sb	S	8	8	0	0.000	0.007	0.029	0.110
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	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	0.018	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.023
Bromate	ug/l	S	8	8	0	0.000	2.400	4.025	5.000
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.011	0.020
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	16	16	0	0.000	17.319	23.028	38.186
Chlormequat	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.094	0.249	0.498
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	208	208	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.583	14.000
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	0.630	1.579	3.010
Conductivity	uS/cm 20 C	AS	208	207	0	0.000	159.000	230.048	326.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.013
Cyanide	ug/l	AS	16	16	0	0.000	< 0.300	< 2.669	7.300
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.009	0.024
Diazinon	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	16	16	0	0.000	< 0.007	< 0.020	0.068
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	16	14	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	16	11	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	16	16	0	0.000	< 0.024	< 0.037	0.110
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.020	< 0.221	0.580
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.970	7.410	7.810
Iron	ug Fe/l	S	24	24	0	0.000	19.800	65.406	151.500
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.518	1.014
Linuron	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	16	16	0	0.000	< 0.008	< 0.014	0.040
MCPB	ug/l	AS	16	16	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	16	16	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 8.137	42.950

WATER SUPPLY ZONE - ZN0605 - Creggan Derry  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.025	0.060
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.449	0.725	1.069
Nitrate	mg NO3/l	S	8	8	0	0.000	0.597	1.380	5.600
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	1	4.167	0.000	0.083	2.000
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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.050	< 0.057	0.127
Phorate	ug/l	AS	16	14	0	0.000	< 0.005	< 0.005	0.012
Propazine	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.158	0.212	0.365
Simazine	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	12.510	15.650	20.391
Sulphate	mg SO4/l	AS	16	16	0	0.000	32.849	52.831	73.464
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.070	0.312	0.630
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	16	16	0	0.000	1.270	2.330	3.820
Total Trihalomethanes	ug/l	S	8	8	1	12.500	48.657	82.260	150.943
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	16	16	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	2	2	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.180	0.362	0.680
op'-DDT	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24048

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 31-MAY-2011 (ZN0605AE) Aluminium = 204 ug Al/.  
 Sample failed 17-OCT-2011 (ZN0605AE) Odour = 2 Diln No.  
 Sample failed 10-OCT-2011 (ZN0605AE) Total Trihalomethanes = 150.9 ug/l.

Notes:

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

WATER SUPPLY ZONE - ZN0701 - Derg Strabane

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	6.201	33.246	72.410
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.011	0.024
Antimony	ug/l Sb	S	8	8	0	0.000	0.012	0.037	0.057
Arsenic	ug/l As	S	8	8	0	0.000	0.295	0.315	0.379
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
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	< 0.016	0.039
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.621	2.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.020	0.091
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	16.418	20.798	23.685
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.189	0.283	0.481
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.222	44.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.306	11.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.680	1.496	2.350
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	142.000	204.750	267.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.019	0.052
Cyanide	ug/l	AS	8	8	0	0.000	1.600	3.629	6.800
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	0.012
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.113	0.687
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.020	0.323	0.910
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.012	0.028
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.620	7.556	7.970
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 13.217	75.190
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.068	0.509	0.984
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.029	0.053
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.027	0.092
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.581	12.590

WATER SUPPLY ZONE - ZN0701 - Derg Strabane  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.024	0.084
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.085	0.309	0.522
Nitrate	mg NO3/l	S	8	8	0	0.000	1.596	3.134	5.246
Nitrite	mg NO2/l	S	8	9	0	0.000	< 0.010	< 0.010	0.012
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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.063	0.135
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.274	0.379
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.714	11.745	12.609
Sulphate	mg SO4/l	AS	8	8	0	0.000	31.370	43.991	77.614
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	0.050	0.430	1.090
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.440	2.245	2.820
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.377	62.283	87.212
Total coliforms	No./100 ml	S	84	84	1	1.190	0.000	0.024	2.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.060	0.171	0.440
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35551

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 31-AUG-2011 (ZN0701AE) 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 - ZN0702 - Glenhordial Omagh

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	12	12	0	0.000	1.920	27.039	91.930
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.010	< 0.012	0.023
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.035	0.070
Arsenic	ug/l As	S	8	8	0	0.000	0.253	0.330	0.452
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
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	< 0.009	0.030
Bromate	ug/l	S	8	8	0	0.000	2.500	3.113	3.900
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
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	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	15.274	16.684	18.465
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.094	0.185	0.314
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	1.340	2.339	4.000
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	113.000	147.240	193.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.007	0.015
Cyanide	ug/l	AS	8	8	0	0.000	1.900	2.475	3.900
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.016	0.045
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.029	0.065
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.021	0.074
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.020	0.312	0.630
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	7.030	7.294	8.040
Iron	ug Fe/l	S	12	12	0	0.000	1.568	8.770	25.200
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	1	12.500	0.200	8.238	63.110
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.021	0.079
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.100	< 2.930	7.232

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.014	0.023
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.144	0.438	0.841
Nitrate	mg NO3/l	S	8	8	0	0.000	0.247	0.835	1.630
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.065	0.153
Phorate	ug/l	AS	8	6	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.151	0.301	0.776
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.289	11.024	11.390
Sulphate	mg SO4/l	AS	8	8	0	0.000	20.094	30.142	43.961
Taste	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.100	0.427	0.720
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.770	2.584	3.490
Total Trihalomethanes	ug/l	S	8	8	0	0.000	15.140	35.056	56.779
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.060	0.179	0.270
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9930

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 18-JUL-2011 (ZN0702AE) Lead = 63.1 ug Pb.

Notes:

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

WATER SUPPLY ZONE - ZN0703 - Lenamore Greencastle

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	4	4	0	0.000	< 1.000	< 15.110	46.660
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	0.009	0.013	0.021
Arsenic	ug/l As	S	4	4	0	0.000	0.256	0.336	0.462
Asulam	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	< 0.001	< 0.005	0.009
Bromate	ug/l	S	4	4	0	0.000	2.800	3.800	5.000
Bromoxynil	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	4	4	0	0.000	0.006	0.021	0.038
Carbendazim	ug/l	AS	4	4	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	4	4	0	0.000	14.721	17.078	20.664
Chlormequat	ug/l	AS	4	3	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	4	4	0	0.000	0.124	0.206	0.279
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	0.780	1.238	1.860
Conductivity	uS/cm 20 C	AS	4	4	0	0.000	97.000	113.000	133.000
Copper	mg Cu/l	S	4	4	0	0.000	0.010	0.025	0.043
Cyanide	ug/l	AS	4	4	0	0.000	0.470	1.045	1.600
Cypermethrin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorbenil	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	4	3	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	4	3	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	4	2	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	4	3	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	4	4	0	0.000	< 0.024	< 0.029	0.042
Fluroxypyr	ug/l	AS	4	4	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.140	0.646	1.370
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	6.970	7.410	8.400
Iron	ug Fe/l	S	4	4	0	0.000	7.758	13.510	19.860
Isoproturon	ug/l	AS	4	3	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	4	4	0	0.000	0.185	1.457	3.048
Linuron	ug/l	AS	4	3	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	4	4	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	4	4	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	4	4	0	0.000	0.085	1.716	5.948

WATER SUPPLY ZONE - ZN0703 - Lenamore Greencastle  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	4	4	0	0.000	0.006	0.017	0.042
Metalaxyl	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	4	4	0	0.000	0.529	0.718	0.887
Nitrate	mg NO3/l	S	4	4	0	0.000	1.373	1.486	1.755
Nitrite	mg NO2/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4	1	25.000	0.000	2.000	8.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	4	3	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	4	4	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	4	2	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	4	3	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	4	4	0	0.000	0.180	0.300	0.620
Simazine	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	4	4	0	0.000	14.194	18.502	21.296
Sulphate	mg SO4/l	AS	4	4	0	0.000	2.212	2.443	2.742
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.100	< 0.150	< 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	0.220	0.746	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	4	4	0	0.000	0.354	0.620	1.350
Total Trihalomethanes	ug/l	S	4	4	0	0.000	2.204	16.513	42.891
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	4	4	0	0.000	0.140	0.180	0.200
op'-DDT	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 913

This zone has a surface water source :R4542

PCV Exceedances:

Sample failed 18-JUL-2011 (ZN0703AE) Odour = 8 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 - ZN0704 - Lough Bradan Drumquin

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	12.250	45.225	117.800
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	0.005	0.026	0.073
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.322	0.476
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	0.016	0.020	0.025
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.009	0.030
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.946	2.900
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.012	0.026
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	16.011	18.323	20.925
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.124	0.295	0.489
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.625	39.000
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	0.680	2.087	7.640
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	185.000	265.667	358.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.006	0.013
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 1.210	1.900
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.018	0.037
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.007
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.108	0.659
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.020	< 0.286	1.000
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.420	7.828	8.520
Iron	ug Fe/l	S	24	24	0	0.000	1.637	29.059	152.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.258	1.849	9.755
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.009	0.012
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.482	4.893	15.370

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.019	0.030
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.195	0.409	0.615
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.406	4.824
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.052	0.062
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	0.020
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.150	0.217	0.390
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	13.461	40.453	67.973
Sulphate	mg SO4/l	AS	8	8	0	0.000	48.447	64.382	82.047
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.050	0.375	1.300
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	1.920	2.874	3.655
Total Trihalomethanes	ug/l	S	12	12	0	0.000	30.007	60.370	94.570
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.233	1.100
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19008

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 - ZN0705 - Lough Macroxy Beragh

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	12	12	1	8.333	3.295	39.800	240.000
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8	0	0.000	0.009	0.022	0.060
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	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.007	0.020
Bromate	ug/l	S	8	8	0	0.000	1.100	2.350	6.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.017	0.045
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	12.061	15.689	17.116
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.074	0.170	0.290
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.720	1.151	1.610
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	117.000	134.519	159.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.006	0.013
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 1.850	3.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.011	0.017
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.025	0.034
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.040	0.371	0.680
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	7.230	7.468	7.910
Iron	ug Fe/l	S	12	12	0	0.000	1.600	13.911	75.990
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.567	1.720
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.100	< 1.524	8.079

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.037	0.092
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	< 0.100	< 0.226	0.740
Nitrate	mg NO3/l	S	8	8	0	0.000	0.762	1.735	2.564
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	6	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.160	0.208	0.306
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	9.907	10.428	11.156
Sulphate	mg SO4/l	AS	8	8	0	0.000	20.005	24.617	30.697
Taste	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.090	0.468	0.740
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	1.260	1.632	1.840
Total Trihalomethanes	ug/l	S	8	8	0	0.000	19.626	35.861	52.254
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.120	0.173	0.310
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9135

This zone has a surface water source :R4523

PCV Exceedances:

Sample failed 10-JAN-2011 (ZN0705AE) Aluminium = 240 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point



WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	11.750	35.931	138.800
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.012	0.061
Antimony	ug/l Sb	S	8	8	0	0.000	0.009	0.025	0.036
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	0.018	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.022
Bromate	ug/l	S	8	8	0	0.000	1.500	2.325	4.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.018
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	12.061	16.899	20.925
Chlormequat	ug/l	AS	24	22	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	22	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.126	0.213	0.341
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	112	112	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.417	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	0.510	1.510	2.010
Conductivity	uS/cm 20 C	AS	112	113	0	0.000	113.000	179.115	358.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.008	0.036
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.845	3.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.015	0.045
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.007
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	22	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	22	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	19	0	0.000	0.000	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	23	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.054	0.659
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.016	0.074
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.020	0.245	0.640
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.940	7.487	7.950
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 16.881	68.860
Isoproturon	ug/l	AS	24	22	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.420	0.975
Linuron	ug/l	AS	24	22	0	0.000	< 0.004	< 0.004	0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.013	0.079
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 3.626	17.380

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.029	0.058
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	< 0.100	< 0.197	0.345
Nitrate	mg NO3/l	S	8	8	0	0.000	1.172	1.720	2.189
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	1	4.167	0.000	0.250	6.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	22	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.055	0.153
Phorate	ug/l	AS	24	19	0	0.000	< 0.005	< 0.005	0.020
Propazine	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.157	0.286	0.689
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	9.867	10.890	12.896
Sulphate	mg SO4/l	AS	24	24	0	0.000	20.005	39.714	82.047
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.050	0.326	0.720
Total Indicative Dose	mSv/year	AS	3	3	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	1.260	2.363	3.655
Total Trihalomethanes	ug/l	S	12	13	0	0.000	21.101	39.968	61.173
Total coliforms	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.080	0.183	0.420
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19633

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 05-JUL-2011 (ZN0706AE) Odour = 6 Diln No.

Notes:

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

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	4	4	0	0.000	11.060	14.598	17.840
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	0.051	0.071	0.100
Arsenic	ug/l As	S	4	4	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	0.011	0.015	0.023
Bromate	ug/l	S	4	4	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	15.953	17.705	19.071
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	4	4	0	0.000	0.136	0.301	0.394
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	1.280	1.605	1.850
Conductivity	uS/cm 20 C	AS	12	15	0	0.000	285.000	299.133	317.000
Copper	mg Cu/l	S	4	4	0	0.000	< 0.001	< 0.003	0.006
Cyanide	ug/l	AS	8	8	0	0.000	0.800	1.815	3.200
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	0.011
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.210	0.702
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.070	0.521	0.920
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	7.400	7.520	7.640
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 4.140	10.110
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	4	4	0	0.000	0.493	0.623	0.875
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.036	0.073
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	4	4	0	0.000	0.185	1.443	2.766

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	4	4	0	0.000	0.008	0.021	0.030
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	4	4	0	0.000	0.892	1.296	1.753
Nitrate	mg NO3/l	S	4	4	0	0.000	2.321	2.803	3.206
Nitrite	mg NO2/l	S	4	4	0	0.000	0.008	< 0.010	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.055	0.084
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	4	4	0	0.000	0.187	0.219	0.290
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	4	4	0	0.000	27.432	28.042	28.725
Sulphate	mg SO4/l	AS	8	8	0	0.000	61.976	71.113	80.270
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	4	4	0	0.000	< 0.100	< 0.150	< 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	0.270	0.667	1.080
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	2.300	2.816	3.500
Total Trihalomethanes	ug/l	S	4	4	0	0.000	29.222	36.826	45.412
Total coliforms	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	4	4	0	0.000	0.090	0.115	0.140
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 3805

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.009	0.012
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	52	52	0	0.000	4.110	27.702	63.720
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.010	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.059	0.093
Arsenic	ug/l As	S	8	8	0	0.000	0.253	0.353	0.468
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	0.023
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.012	0.022
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 2.421	3.700
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.028
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	17.990	20.304	22.466
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.487	0.695
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	104	103	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.288	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.442	19.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.580	1.363	4.550
Conductivity	uS/cm 20 C	AS	104	102	0	0.000	322.000	373.804	423.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.004
Cyanide	ug/l	AS	8	8	0	0.000	1.300	3.725	12.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.013	0.045
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	7	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.117	0.573
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.020	0.256	1.060
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	7.000	7.438	7.760
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 17.311	127.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.332	0.764
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	1	12.500	< 0.008	< 0.058	0.150
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	0.019
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 5.348	19.700

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.010	0.035	0.063
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.439	1.406	1.884
Nitrate	mg NO3/l	S	8	8	0	0.000	0.199	1.482	3.389
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	11	21.154	0.000	0.731	6.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.085	0.162
Phorate	ug/l	AS	8	6	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.248	0.370
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.824	14.749	17.318
Sulphate	mg SO4/l	AS	8	8	0	0.000	84.522	102.738	126.596
Taste	Diln No	S	52	53	2	3.774	0.000	0.132	4.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	0.379	1.170
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	2.372	3.220	4.450
Total Trihalomethanes	ug/l	S	8	8	0	0.000	16.128	51.981	93.073
Total coliforms	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.070	0.257	0.630
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 62098

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 06-JUN-2011 (W4701OUT) MCPA = 0.1500 ug/.  
 Sample failed 23-MAR-2011 (ZN0802AE) Odour = 4 Diln No.  
 Sample failed 15-JUN-2011 (ZN0802AE) Odour = 1 Diln No.  
 Sample failed 22-JUN-2011 (ZN0802AE) Odour = 4 Diln No.  
 Sample failed 11-JUL-2011 (ZN0802AE) Odour = 3 Diln No.  
 Sample failed 27-JUL-2011 (ZN0802AE) Odour = 1 Diln No.  
 Sample failed 09-AUG-2011 (ZN0802AE) Odour = 3 Diln No.  
 Sample failed 11-AUG-2011 (ZN0802AE) Odour = 4 Diln No.  
 Sample failed 25-AUG-2011 (ZN0802AE) Odour = 6 Diln No.  
 Sample failed 31-AUG-2011 (ZN0802AE) Odour = 3 Diln No.  
 Sample failed 08-SEP-2011 (ZN0802AE) Odour = 4 Diln No.  
 Sample failed 02-NOV-2011 (ZN0802AE) Odour = 5 Diln No.  
 Sample failed 11-JUL-2011 (ZN0802AE) Taste = 3 Diln No.  
 Sample failed 08-SEP-2011 (ZN0802AE) 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 - ZN0901 - Altmore Cabragh

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	4	4	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	15	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	15	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	15	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	15	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	4	4	0	0.000	7.982	19.611	31.500
Ammonium	mg NH4/l	S	4	4	0	0.000	0.008	0.015	0.032
Antimony	ug/l Sb	S	4	4	0	0.000	< 0.010	< 0.080	0.127
Arsenic	ug/l As	S	4	4	0	0.000	0.266	0.371	0.486
Asulam	ug/l	AS	24	15	0	0.000	< 0.010	< 0.011	0.012
Atrazine	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	15	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	< 0.001	< 0.009	0.025
Bromate	ug/l	S	4	4	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Carbendazim	ug/l	AS	24	15	0	0.000	< 0.005	< 0.007	< 0.009
Chloride	mg Cl/l	AS	12	4	0	0.000	15.208	17.441	21.348
Chlormequat	ug/l	AS	24	15	0	0.000	< 0.009	< 0.009	< 0.009
Chlorothalonil	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	4	4	0	0.000	0.240	0.388	0.652
Clopyralid	ug/l	AS	24	15	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	28	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	1.000	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	0.680	1.213	1.600
Conductivity	uS/cm 20 C	AS	28	8	0	0.000	172.000	245.000	460.000
Copper	mg Cu/l	S	4	4	0	0.000	< 0.001	< 0.054	0.142
Cyanide	ug/l	AS	24	15	0	0.000	1.500	4.200	7.400
Cypermethrin	ug/l	AS	24	15	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	15	0	0.000	< 0.007	< 0.012	0.023
Dichlorbenil	ug/l	AS	24	15	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.007
Dichlorprop	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	15	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	15	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	15	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	15	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	12	4	0	0.000	< 0.024	< 0.063	0.178
Fluroxypyr	ug/l	AS	24	15	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.110	0.610	1.470
Glyphosate	ug/l	AS	24	15	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	15	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	24	15	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	7.450	7.585	7.720
Iron	ug Fe/l	S	4	4	0	0.000	< 2.000	< 53.144	184.700
Isoproturon	ug/l	AS	24	15	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	4	4	0	0.000	< 0.100	< 0.684	1.911
Linuron	ug/l	AS	24	15	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	24	15	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	15	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	15	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	4	4	0	0.000	< 0.100	< 6.225	16.880

WATER SUPPLY ZONE - ZN0901 - Altmore Cabragh  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S 4	4		0	0.000	0.009	0.014	0.026
Metalaxyl	ug/l	AS 24	15		0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S 4	4		0	0.000	0.228	0.960	1.304
Nitrate	mg NO3/l	S 4	4		0	0.000	< 0.100	< 1.227	3.103
Nitrite	mg NO2/l	S 4	4		0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 4	4		0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS 24	15		0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS 24	15		0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS 24	15		0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS 24	15		0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS 24	15		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS 24	15		0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S 4	4		0	0.000	0.292	0.373	0.450
Simazine	ug/l	AS 24	15		0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S 4	4		0	0.000	12.490	16.467	19.792
Sulphate	mg SO4/l	AS 12	4		0	0.000	16.669	51.484	97.077
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S 4	4		0	0.000	< 0.100	< 0.175	< 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	0.250	0.730	1.590
Total Organic Carbon	mg C/l	AS 12	4		0	0.000	2.550	2.908	3.263
Total Trihalomethanes	ug/l	S 4	4		0	0.000	31.351	53.738	68.383
Total coliforms	No./100 ml	S 12	12		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS 24	15		0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS 24	15		0	0.000	< 0.008	< 0.008	< 0.008
Turbidity	NTU	S 4	4		0	0.000	0.140	0.310	0.680
op'-DDT	ug/l	AS 24	15		0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS 24	15		0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 2693

This zone has a surface water source :R2501

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 - ZN0902 - Altmore Donaghmore

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	14	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	20	14	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	20	14	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	20	14	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	12	12	0	0.000	1.919	25.022	36.550
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.010	< 0.011	0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.014	0.102	0.155
Arsenic	ug/l As	S	8	8	0	0.000	0.272	0.341	0.419
Asulam	ug/l	AS	20	14	0	0.000	< 0.010	< 0.011	0.012
Atrazine	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	20	14	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.013	0.028
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.474	5.000
Bromoxynil	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.023	0.065
Carbendazim	ug/l	AS	20	14	0	0.000	< 0.005	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	3	0	0.000	15.208	17.828	21.348
Chlormequat	ug/l	AS	20	14	0	0.000	< 0.009	< 0.009	< 0.009
Chlorothalonil	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.466	0.765
Clopyralid	ug/l	AS	20	14	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	24	7	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	0.833	9.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.333	3.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.720	1.367	2.030
Conductivity	uS/cm 20 C	AS	24	7	0	0.000	172.000	214.286	388.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.040
Cyanide	ug/l	AS	20	14	0	0.000	1.500	2.600	3.700
Cypermethrin	ug/l	AS	20	14	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	20	14	0	0.000	< 0.007	< 0.015	0.023
Dichlorbenil	ug/l	AS	20	14	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.007
Dichlorprop	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	20	14	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	20	14	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	3	0	0.000	< 0.024	< 0.024	< 0.024
Fluroxypyr	ug/l	AS	20	14	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.150	0.559	1.620
Glyphosate	ug/l	AS	20	14	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	20	14	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	7.140	7.471	7.730
Iron	ug Fe/l	S	12	12	1	8.333	< 2.000	< 66.690	627.300
Isoproturon	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.246	0.724	1.269
Linuron	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	20	14	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	20	14	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	20	14	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	12	12	0	0.000	0.840	4.982	14.750

WATER SUPPLY ZONE - ZN0902 - Altmore Donaghmore  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.100	0.649
Metalaxyl	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.614	1.183	1.741
Nitrate	mg NO3/l	S	8	8	0	0.000	0.084	1.609	4.692
Nitrite	mg NO2/l	S	8	8	0	0.000	0.009	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	20	14	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	20	14	0	0.000	< 0.005	< 0.005	< 0.005
Propazine	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	20	14	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.307	0.428
Simazine	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	11.386	17.192	19.459
Sulphate	mg SO4/l	AS	8	3	0	0.000	44.327	63.089	97.077
Taste	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	0.062	< 0.095	< 0.100
Total - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.240	0.675	1.730
Total Organic Carbon	mg C/l	AS	8	3	0	0.000	2.820	3.028	3.263
Total Trihalomethanes	ug/l	S	8	8	0	0.000	36.408	54.092	67.203
Total coliforms	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	20	14	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	20	14	0	0.000	< 0.008	< 0.008	< 0.008
Turbidity	NTU	S	12	12	0	0.000	0.100	0.280	1.010
op'-DDT	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	20	14	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 6232

This zone has a surface water source :R2501

PCV Exceedances:

Sample failed 18-APR-2011 (ZN0902AE) Iron = 627 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	12	12	0	0.000	8.523	19.880	37.270
Ammonium	mg NH4/l	S	12	12	0	0.000	0.008	0.011	0.022
Antimony	ug/l Sb	S	8	8	0	0.000	0.141	0.162	0.180
Arsenic	ug/l As	S	8	8	0	0.000	0.258	0.449	0.586
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.009	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.016	0.040
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	27.577	28.714	31.117
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.291	0.474
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	0.583	5.000
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	2.660	3.777	4.980
Conductivity	uS/cm 20 C	AS	24	26	0	0.000	206.000	223.885	249.000
Copper	mg Cu/l	S	8	8	0	0.000	0.007	0.018	0.053
Cyanide	ug/l	AS	8	8	0	0.000	1.800	4.575	6.800
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.011	0.018
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	0.008
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.103	0.652
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.080	0.485	1.130
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	7.220	7.442	7.810
Iron	ug Fe/l	S	12	12	0	0.000	< 2.000	< 12.563	106.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.079	0.638	1.555
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.017	0.033
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.021	0.029
Manganese	ug Mn/l	S	12	12	0	0.000	0.069	1.845	5.638

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.046	0.216
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	2.525	2.868	3.367
Nitrate	mg NO3/l	S	8	8	0	0.000	0.430	2.088	3.504
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.016
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.056	0.080
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.007
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.323	0.601
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	12.660	14.382	17.040
Sulphate	mg SO4/l	AS	8	8	0	0.000	15.037	18.528	22.779
Taste	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.160	0.628	1.340
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	4.090	4.950	5.750
Total Trihalomethanes	ug/l	S	8	8	0	0.000	56.821	74.300	92.073
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.070	0.161	0.260
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 7560

This zone has a surface water source :R2509

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1102 - Seaghan Armagh

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.000	< 18.658	81.600
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	0.013	0.038
Antimony	ug/l Sb	S	8	8	0	0.000	0.082	0.106	0.134
Arsenic	ug/l As	S	8	8	0	0.000	0.279	0.332	0.440
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.017	0.033
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.014	0.044
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	16.376	21.148	22.770
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.303	0.427	0.536
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.889	18.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.583	6.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.560	2.036	3.240
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	241.000	277.308	308.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.069	0.354
Cyanide	ug/l	AS	8	8	0	0.000	< 0.300	< 3.875	8.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.012	0.024
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	0.009
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.007
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.144	0.987
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.015	0.027
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.080	0.513	1.200
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.006
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.840	7.266	7.720
Iron	ug Fe/l	S	36	36	0	0.000	1.595	16.443	77.810
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.139	0.639	1.292
Linuron	ug/l	AS	8	8	0	0.000	0.000	0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.025	0.056
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.356	10.750

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.016	0.036
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.283	2.190	2.625
Nitrate	mg NO3/l	S	8	8	0	0.000	1.523	3.496	4.962
Nitrite	mg NO2/l	S	8	9	0	0.000	0.009	0.010	0.011
Odour	Diln No	S	36	36	1	2.778	0.000	0.111	4.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.057	0.079
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	0.028
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.291	0.610
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	8.726	12.511	17.351
Sulphate	mg SO4/l	AS	8	8	0	0.000	52.484	59.897	65.533
Taste	Diln No	S	36	36	1	2.778	0.000	0.056	2.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.160	0.608	1.380
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	2.904	3.498	4.460
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.199	51.394	74.975
Total coliforms	No./100 ml	S	84	84	2	2.410	0.000	0.060	4.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.090	0.219	0.400
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 30117

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 06-MAY-2011 (ZN1102AE) Odour = 4 Diln No.  
 Sample failed 06-MAY-2011 (ZN1102AE) Taste = 2 Diln No.  
 Sample failed 03-MAY-2011 (ZN1102AE) Total coliforms = 4 No./100.  
 Sample failed 22-JUN-2011 (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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	7.415	27.012	242.400
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	0.014	0.047
Antimony	ug/l Sb	S	8	8	0	0.000	0.087	0.114	0.143
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.345	0.462
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	< 0.017	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.015	0.037
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.228	0.428	0.553
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.944	43.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.306	3.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.560	1.758	4.260
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.010
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.168	0.550
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	37	0	0.000	7.040	7.458	7.810
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 34.492	142.800
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	0.098	1.801	6.892
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.993	33.260
Mercury	ug/l Hg	S	8	8	0	0.000	0.010	0.011	0.015
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.993	1.145	1.280
Nitrate	mg NO3/l	S	8	8	0	0.000	0.321	1.740	4.073

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	9	0	0.000	0.005	0.011	0.027
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.166	0.337	0.580
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	18.880	19.455	20.718
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.090	0.325	0.840
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.843	44.787	56.069
Total coliforms	No./100 ml	S	108	108	2	1.852	0.000	0.083	8.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.140	0.321	0.700
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42108

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 04-JAN-2011 (ZS0101AE) Aluminium = 242 ug Al/.  
 Sample failed 03-MAY-2011 (ZS0101AE) Total coliforms = 1 No./100.  
 Sample failed 22-NOV-2011 (ZS0101AE) Total coliforms = 8 No./100.

Notes:

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



WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	5.708	27.399	206.000
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.012	0.036
Antimony	ug/l Sb	S	8	8	0	0.000	0.066	0.105	0.131
Arsenic	ug/l As	S	8	8	0	0.000	0.293	0.351	0.401
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	< 0.013	0.023
Bromate	ug/l	S	8	8	0	0.000	< 0.000	< 0.849	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.011	0.019
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.202	0.382	0.500
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	36	36	0	0.000	0.000	11.083	184.000
Colony Counts 37 (48hrs)	No./l ml	S	36	36	0	0.000	0.000	4.917	84.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.530	1.784	2.920
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.019	0.095
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	< 0.020	< 0.117	0.750
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	36	0	0.000	7.180	7.467	7.770
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 43.698	129.800
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	0.133	3.756	15.420
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPB (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.720	19.780
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.021	0.045
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.963	1.132	1.278
Nitrate	mg NO3/l	S	8	8	0	0.000	0.334	1.730	4.080

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.019
Odour	Diln No	S	36	36	1	2.778	0.000	0.083	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	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.375	0.635
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	18.533	20.549	23.385
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.248	0.830
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.514	47.281	60.986
Total coliforms	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.200	0.359	0.810
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 47648

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 05-JAN-2011 (ZS0102AE) Aluminium = 206 ug Al/.

Sample failed 05-SEP-2011 (ZS0102AE) 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 - ZS0103 - Belfast Ballyhanwood

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	48	48	0	0.000	< 0.002	< 0.006	< 0.008
2,4-DB	ug/l	AS	48	48	0	0.000	< 0.002	< 0.007	< 0.010
Aldrin	ug/l	AS	48	48	0	0.000	< 0.001	< 0.002	< 0.003
Alpha-cypermethrin	ug/l	AS	48	48	0	0.000	< 0.003	< 0.006	< 0.008
Aluminium	ug Al/l	S	52	52	2	3.846	12.530	55.561	473.800
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.012	0.043
Antimony	ug/l Sb	S	8	8	0	0.000	0.026	0.062	0.102
Arsenic	ug/l As	S	8	8	0	0.000	0.265	0.306	0.455
Asulam	ug/l	AS	48	48	0	0.000	0.000	0.008	0.012
Atrazine	ug/l	AS	48	48	0	0.000	< 0.003	< 0.004	< 0.005
Bentazone	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.007
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	0.038
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.086	1.900
Bromoxynil	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.019	0.044
Carbendazim	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	48	48	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	48	48	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	48	48	0	0.000	< 0.005	< 0.008	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.099	0.285	0.445
Clopyralid	ug/l	AS	48	48	0	0.000	< 0.001	< 0.010	< 0.016
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	1.923	31.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.827	17.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.700	1.296	2.470
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.032
Cyanide	ug/l	AS	48	48	0	0.000	< 0.300	< 1.729	< 5.000
Cypermethrin	ug/l	AS	48	48	0	0.000	< 0.003	< 0.006	< 0.008
Diazinon	ug/l	AS	48	48	0	0.000	< 0.005	< 0.006	< 0.006
Dicamba	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	0.007
Dichlorbenil	ug/l	AS	48	48	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	48	48	0	0.000	< 0.003	< 0.015	< 0.100
Dichlorprop	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.006
Dichlorvos	ug/l	AS	48	48	0	0.000	< 0.006	< 0.007	< 0.008
Dieldrin	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	48	48	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	48	48	0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	48	44	0	0.000	< 0.004	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	48	48	0	0.000	< 0.002	< 0.009	< 0.013
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.020	0.159	0.520
Glyphosate	ug/l	AS	48	48	0	0.000	< 0.006	< 0.008	< 0.010
Heptachlor	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	48	48	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	53	0	0.000	7.050	7.463	7.830
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 40.008	370.300
Isoproturon	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.520	6.684	23.700
Linuron	ug/l	AS	48	48	0	0.000	< 0.004	< 0.005	0.007
MCPA	ug/l	AS	48	48	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	48	48	0	0.000	< 0.002	< 0.007	< 0.020
MCCP(Mecoprop)	ug/l	AS	48	48	0	0.000	< 0.002	< 0.013	0.033
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 3.907	12.650

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.023	0.059
Metalaxyl	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.286	0.444	0.610
Nitrate	mg NO3/l	S	8	8	0	0.000	0.917	1.571	2.184
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	48	48	0	0.000	< 0.002	< 0.003	0.005
Pesticides - Total Substances	ug/l	AS	48	48	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	48	46	0	0.000	< 0.005	< 0.007	0.019
Propazine	ug/l	AS	48	48	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	48	48	0	0.000	< 0.004	< 0.005	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.186	0.339	0.994
Simazine	ug/l	AS	48	48	0	0.000	< 0.006	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	9.338	11.082	15.508
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.246	0.730
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	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	32.159	45.861	64.480
Total coliforms	No./100 ml	S	144	144	3	2.083	0.000	0.063	6.000
Triclopyr	ug/l	AS	48	48	0	0.000	< 0.003	< 0.007	< 0.011
Trifluralin	ug/l	AS	48	48	0	0.000	< 0.002	< 0.005	< 0.008
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.090	0.298	1.390
op'-DDT	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	ug/l	AS	48	48	0	0.000	< 0.002	< 0.004	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55818

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 01-AUG-2011 (ZS0103AE) Aluminium = 262 ug Al/.  
 Sample failed 05-DEC-2011 (ZS0103AE) Aluminium = 474 ug Al/.  
 Sample failed 06-APR-2011 (ZS0103AE) Iron = 370 ug Fe/.  
 Sample failed 09-NOV-2011 (ZS0103AE) Total coliforms = 6 No./100.  
 Sample failed 24-NOV-2011 (ZS0103AE) Total coliforms = 2 No./100.  
 Sample failed 08-DEC-2011 (ZS0103AE) Total coliforms = 1 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0104 - Dunore Breda North

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	8.658	34.066	200.400
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.013	0.026
Antimony	ug/l Sb	S	8	8	0	0.000	0.051	0.102	0.132
Arsenic	ug/l As	S	8	8	0	0.000	0.253	0.328	0.462
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	< 0.014	0.022
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.015	0.035
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.162	0.350	0.544
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	36	36	0	0.000	0.000	1.583	21.000
Colony Counts 37 (48hrs)	No./l ml	S	36	36	0	0.000	0.000	0.508	7.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.510	1.584	2.670
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.004	0.008
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.121	0.540
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	37	0	0.000	7.150	7.524	8.130
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 20.250	86.060
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 2.409	9.732
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 5.491	11.080
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.011	0.015
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.312	0.913	1.312
Nitrate	mg NO3/l	S	8	8	0	0.000	0.304	1.759	3.966

WATER SUPPLY ZONE - ZS0104 - Dunore Breda North  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.014
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.307	0.474
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	8.088	17.197	20.353
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.250	0.680
Total Trihalomethanes	ug/l	S	8	8	0	0.000	32.594	44.561	61.339
Total coliforms	No./100 ml	S	108	108	4	3.704	0.000	> 1.065	> 80.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.180	0.307	0.860
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40183

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 27-JUN-2011 (ZS0104AE) Total coliforms = 6 No./100.  
 Sample failed 05-JUL-2011 (ZS0104AE) Total coliforms = 17 No./100.  
 Sample failed 06-OCT-2011 (ZS0104AE) Total coliforms = 12 No./100.  
 Sample failed 27-OCT-2011 (ZS0104AE) Total coliforms = >80 No./10.

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	8.190	26.547	165.000
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	0.011	0.028
Antimony	ug/l Sb	S	8	8	0	0.000	0.087	0.114	0.138
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.345	0.417
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	0.024
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.010	0.017
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.340	0.493	0.703
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	52	52	0	0.000	0.000	2.769	44.000
Colony Counts 37 (48hrs)	No./l ml	S	52	52	0	0.000	0.000	0.962	16.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.600	1.633	2.880
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.028	0.120
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.020	0.141	0.680
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	52	53	0	0.000	7.080	7.483	8.030
Iron	ug Fe/l	S	52	52	1	1.923	1.602	24.702	258.500
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.096	5.997	17.340
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 5.069	13.670
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.028	0.061
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.082	1.190	1.398
Nitrate	mg NO3/l	S	8	8	0	0.000	0.445	1.963	3.821

WATER SUPPLY ZONE - ZS0105 - Dunore Breda South

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	0.008	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	0.011
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.297	0.461
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	9.641	18.989	23.528
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	0.040	0.280	0.970
Total Trihalomethanes	ug/l	S	8	8	0	0.000	37.550	48.208	58.298
Total coliforms	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	52	52	0	0.000	0.100	0.322	2.270
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 53045

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 21-FEB-2011 (ZS0105AE) Iron = 259 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 - ZS0106 - Dunore Belfast North

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	8.654	27.432	202.600
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	0.011	0.026
Antimony	ug/l Sb	S	8	8	0	0.000	0.072	0.100	0.129
Arsenic	ug/l As	S	8	8	0	0.000	0.273	0.336	0.412
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	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	0.002	0.016	0.035
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.012	0.019
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.210	0.406	0.628
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.639	21.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.556	22.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.650	1.756	3.510
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.007	0.025
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.020	0.143	0.440
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	37	0	0.000	7.020	7.493	8.020
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 41.685	154.800
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 3.376	11.500
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.115	10.170
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.020	0.039
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.767	1.122	1.366
Nitrate	mg NO3/l	S	8	8	0	0.000	0.243	1.747	4.047

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	0.009	< 0.010	< 0.010
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	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.298	0.424
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	18.309	20.685	24.379
Taste	Diln No	S	36	35	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.050	0.298	0.760
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.963	47.878	61.990
Total coliforms	No./100 ml	S	120	120	1	0.833	0.000	0.008	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.160	0.328	0.750
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 45545

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 05-JAN-2011 (ZS0106AE) Aluminium = 203 ug Al/.  
 Sample failed 25-OCT-2011 (ZS0106AE) 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 - ZS0107 - Belfast Oldpark

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.002	< 0.005	< 0.010
Aldrin	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.008
Aluminium	ug Al/l	S	36	36	1	2.778	6.825	34.286	382.100
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.013	0.040
Antimony	ug/l Sb	S	8	8	0	0.000	0.069	0.099	0.150
Arsenic	ug/l As	S	8	8	0	0.000	0.263	0.331	0.485
Asulam	ug/l	AS	32	32	0	0.000	< 0.003	< 0.007	< 0.010
Atrazine	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.005
Bentazone	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.007
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	0.013	0.024
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.012	0.027
Carbendazim	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	17.284	19.223	20.964
Chlormequat	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Chlorpyrifos	ug/l	AS	32	30	0	0.000	< 0.005	< 0.009	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.262	0.422	0.551
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	< 0.016
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	9.917	260.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	6.111	168.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.590	1.562	3.120
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	235.000	310.163	339.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.012	0.034
Cyanide	ug/l	AS	32	32	0	0.000	< 0.300	< 2.177	5.600
Cypermethrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	32	32	0	0.000	< 0.005	< 0.006	< 0.006
Dicamba	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	0.010
Dichlorbenil	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	< 0.007
Dichlorophen	ug/l	AS	32	32	0	0.000	< 0.003	< 0.020	< 0.100
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006
Dichlorvos	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.008
Dieldrin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	32	32	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.007
E. coli	No./100 ml	S	108	107	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	32	29	0	0.000	< 0.004	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.058	0.263
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.002	< 0.006	< 0.013
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.136	0.560
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.010
Heptachlor	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Hydrogen Ion	pH value	S	36	37	0	0.000	7.160	7.449	7.810
Iron	ug Fe/l	S	36	36	1	2.778	2.668	57.533	459.600
Isoproturon	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.412	3.858	18.300
Linuron	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.005
MCPA	ug/l	AS	32	32	1	3.226	< 0.002	< 0.025	0.250
MCPB	ug/l	AS	32	32	0	0.000	< 0.002	< 0.005	< 0.020
MCCP(Mecoprop)	ug/l	AS	32	32	0	0.000	< 0.002	< 0.011	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	0.275	6.344	16.690

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.018	0.028
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.135	1.372	1.527
Nitrate	mg NO3/l	S	8	8	0	0.000	0.482	1.846	3.905
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	32	32	0	0.000	< 0.050	< 0.060	0.260
Phorate	ug/l	AS	32	30	0	0.000	< 0.005	< 0.008	0.015
Propazine	ug/l	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.293	0.614
Simazine	ug/l	AS	32	32	0	0.000	< 0.006	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	17.140	18.211	19.593
Sulphate	mg SO4/l	AS	8	8	0	0.000	< 1.000	< 72.887	91.288
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.269	0.640
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	1.420	2.170	4.150
Total Trihalomethanes	ug/l	S	8	8	0	0.000	33.380	42.489	50.501
Total coliforms	No./100 ml	S	108	107	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.011
Trifluralin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	36	36	0	0.000	0.100	0.396	2.110
op'-DDT	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006
pp'-DDT	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40343

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 04-JAN-2011 (ZS0107AE) Aluminium = 382 ug Al/.  
 Sample failed 22-MAR-2011 (ZS0107AE) Iron = 460 ug Fe/.  
 Sample failed 04-JUL-2011 (W3317OUT) MCPA = 0.2500 ug/.

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	19.350	49.814	161.000
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.013	0.034
Antimony	ug/l Sb	S	8	8	0	0.000	0.018	0.059	0.094
Arsenic	ug/l As	S	8	8	0	0.000	0.257	< 0.287	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	0.018	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.009	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.018	0.030
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.118	0.211	0.391
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.444	26.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.694	32.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.530	1.264	2.930
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.007	0.024
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	96	95	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.020	0.117	0.510
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	36	36	0	0.000	7.020	7.446	7.750
Iron	ug Fe/l	S	36	36	0	0.000	1.753	20.419	88.210
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	0.163	4.142	14.880
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 3.289	11.390
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.079
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.165	0.432	0.730
Nitrate	mg NO3/l	S	8	8	0	0.000	0.908	1.595	2.456

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.233	0.330
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	8.170	9.901	11.198
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.191	0.600
Total Trihalomethanes	ug/l	S	8	8	0	0.000	30.382	38.992	49.295
Total coliforms	No./100 ml	S	96	95	1	1.053	0.000	0.011	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	36	36	0	0.000	0.120	0.265	0.700
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 37178

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 14-JUN-2011 (ZS0108AE) 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 - ZS0109 - Dorisland Whiteabbey

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	2	5.556	10.430	35.504	302.100
Ammonium	mg NH4/l	S	36	36	0	0.000	0.005	0.011	0.046
Antimony	ug/l Sb	S	8	8	0	0.000	0.008	0.029	0.061
Arsenic	ug/l As	S	8	8	0	0.000	0.258	0.299	0.330
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	0.022
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.011	0.022
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.580	2.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	< 0.009	< 0.010
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	17.284	19.223	20.964
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.341	0.492	0.704
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.139	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.861	25.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.660	1.300	3.070
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	235.000	310.163	339.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.007	0.019
Cyanide	ug/l	AS	8	8	0	0.000	1.800	3.188	5.600
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	0.010
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	1	12.500	0.000	0.125	1.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.058	0.263
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.020	< 0.158	0.560
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.990	7.294	7.620
Iron	ug Fe/l	S	36	36	1	2.778	1.789	57.149	205.400
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.116	1.440	4.731
Linuron	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	1	12.500	< 0.008	< 0.070	0.250
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 6.274	18.090

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.012	0.025
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.766	2.159	2.631
Nitrate	mg NO3/l	S	8	8	0	0.000	0.906	2.422	3.636
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.089	0.260
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.015
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.231	0.319
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	13.052	14.325	16.221
Sulphate	mg SO4/l	AS	8	8	0	0.000	< 1.000	< 72.887	91.288
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.256	0.830
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.420	2.170	4.150
Total Trihalomethanes	ug/l	S	8	8	0	0.000	18.927	30.987	41.840
Total coliforms	No./100 ml	S	108	108	2	1.852	0.000	0.102	10.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.080	0.302	0.650
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42463

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 04-JAN-2011 (ZS0109AE) Aluminium = 209 ug Al/.  
 Sample failed 14-NOV-2011 (ZS0109AE) Aluminium = 302 ug Al/.  
 Sample failed 30-AUG-2011 (ZS0109AE) Enterococci = 1 No./100m.  
 Sample failed 22-MAR-2011 (ZS0109AE) Iron = 205 ug Fe/.  
 Sample failed 04-JUL-2011 (W3317OUT) MCPA = 0.2500 ug/.  
 Sample failed 12-APR-2011 (ZS0109AE) Total coliForms = 10 No./100.  
 Sample failed 14-JUN-2011 (ZS0109AE) 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 - ZS0110 - Dunore Point Glengormley

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	4.093	37.683	165.100
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.012	0.043
Antimony	ug/l Sb	S	8	8	0	0.000	0.030	0.086	0.139
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.338	0.426
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.027
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.012	0.035
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.528	5.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.008	0.011	0.020
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.010	< 0.011	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.212	0.403	0.632
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	24	24	0	0.000	0.000	> 17.167	>300.000
Colony Counts 37 (48hrs)	No./l ml	S	24	24	0	0.000	0.000	2.875	62.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.830	1.880	4.630
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.011	0.055
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.826	< 5.000
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.003	< 0.025	< 0.100
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.020	0.181	0.710
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	24	24	0	0.000	7.100	7.533	7.850
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 35.315	200.700
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	0.106	2.109	8.408
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	0.023
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.020
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.008	0.033
Manganese	ug Mn/l	S	24	24	0	0.000	0.098	3.842	12.320
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.018	0.075
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.015	1.216	1.733
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.945	3.947

WATER SUPPLY ZONE - ZS0110 - Dunore Point Glengormley

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.015	0.042
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	0.053
Phorate	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.320	0.547
Simazine	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	13.756	18.431	21.372
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.050	0.338	1.120
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.989	42.918	50.788
Total coliforms	No./100 ml	S	72	72	1	1.389	0.000	0.014	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	24	24	0	0.000	0.140	0.348	1.040
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27895

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 18-JAN-2011 (ZS0110AE) Iron = 201 ug Fe/.

Sample failed 03-OCT-2011 (ZS0110AE) 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 - ZS0201 - Dorisland Carrick

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	12.280	26.340	82.500
Ammonium	mg NH4/l	S	36	36	0	0.000	0.007	0.012	0.036
Antimony	ug/l Sb	S	8	8	0	0.000	0.007	0.027	0.063
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.308	0.361
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.024
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.012	0.022
Bromate	ug/l	S	8	8	1	12.500	< 0.970	< 11.755	84.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	< 0.009	< 0.010
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	17.284	19.223	20.964
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.373	0.562	0.649
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	5.972	118.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.639	30.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.670	1.283	3.080
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	235.000	310.163	339.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.009	0.023
Cyanide	ug/l	AS	8	8	0	0.000	1.800	3.188	5.600
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	0.010
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.007
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.058	0.263
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.212	0.750
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.960	7.278	7.600
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 39.497	257.600
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.099	1.149	5.179
Linuron	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.004
MCPA	ug/l	AS	8	8	1	12.500	< 0.008	< 0.070	0.250
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	1.288	6.233	22.180

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.021	0.051
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.790	2.197	2.877
Nitrate	mg NO3/l	S	8	8	0	0.000	0.749	2.352	3.593
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.089	0.260
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	0.015
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.301	0.454
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	12.953	13.977	14.957
Sulphate	mg SO4/l	AS	8	8	0	0.000	< 1.000	< 72.887	91.288
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.319	0.910
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.420	2.170	4.150
Total Trihalomethanes	ug/l	S	8	8	0	0.000	22.435	30.331	39.010
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.090	0.279	1.110
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40860

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 02-JUN-2011 (ZS0201AE) Bromate = 84.0000 ug.  
 Sample failed 11-FEB-2011 (ZS0201AE) Iron = 258 ug Fe/.  
 Sample failed 04-JUL-2011 (W3317OUT) MCPA = 0.2500 ug/.

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	52	52	1	1.923	12.530	60.273	257.700
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	0.012	0.046
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.043	0.087
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.008	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.223	2.400
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.009	0.016	0.037
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.095	0.174	0.275
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	0.962	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.423	11.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.550	1.123	2.670
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.004	0.012
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	192	192	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	0.020	0.395	1.070
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	1	1.923	5.990	7.460	8.550
Iron	ug Fe/l	S	52	52	1	1.923	1.807	23.551	285.800
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.085	0.766	2.684
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.890	29.330

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.022	0.082
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.057	0.146	0.320
Nitrate	mg NO3/l	S	8	8	0	0.000	1.010	1.520	1.758
Nitrite	mg NO2/l	S	8	8	0	0.000	0.009	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.168	0.262	0.588
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.828	6.313	6.838
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	0.040	0.447	1.140
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	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	21.651	30.898	42.137
Total coliforms	No./100 ml	S	192	192	1	0.521	0.000	0.370	71.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.070	0.213	0.850
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 77418

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 12-SEP-2011 (ZS0401AE) Aluminium = 258 ug Al/.  
 Sample failed 25-JUL-2011 (ZS0401AE) Hydrogen Ion = 5.99 pH va.  
 Sample failed 11-JAN-2011 (ZS0401AE) Iron = 286 ug Fe/.  
 Sample failed 26-JUL-2011 (ZS0401AE) Total coliforms = 71 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 - ZS0402 - Drumaroad Comber

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	52	52	0	0.000	13.910	58.725	130.400
Ammonium	mg NH4/l	S	52	52	0	0.000	0.006	0.011	0.039
Antimony	ug/l Sb	S	8	8	0	0.000	0.014	0.047	0.066
Arsenic	ug/l As	S	8	8	0	0.000	0.280	0.309	0.385
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.028
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.008	0.021
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.169	1.900
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.020	0.057
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.060	0.181	0.293
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	0.596	23.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.269	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.510	1.149	2.540
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.013
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	180	180	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.020	< 0.379	0.820
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	7.070	7.484	8.710
Iron	ug Fe/l	S	52	52	1	1.923	1.836	28.421	230.900
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.076	0.501	1.068
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	52	52	0	0.000	0.082	2.860	19.660

WATER SUPPLY ZONE - ZS0402 - Drumaroad Comber  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.017	0.038
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.055	0.274	1.220
Nitrate	mg NO3/l	S	8	8	0	0.000	1.315	1.571	1.719
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.154	0.323	0.673
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.831	6.238	6.860
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.020	< 0.435	0.890
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	22.073	33.689	44.518
Total coliforms	No./100 ml	S	180	180	2	1.111	0.000	0.011	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.090	0.206	0.690
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70016

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-APR-2011 (ZS0402AE) Iron = 231 ug Fe/.  
 Sample failed 18-JUL-2011 (ZS0402AE) Total coliforms = 1 No./100.  
 Sample failed 21-NOV-2011 (ZS0402AE) 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 - ZS0403 - Drumaroad Peninsula

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	1	4.167	26.470	66.778	271.900
Ammonium	mg NH4/l	S	24	25	0	0.000	0.008	0.012	0.031
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.038	0.060
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.303	0.325
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.012	0.029
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.135	1.500
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.014	0.043
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.073	0.204	0.367
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	24	24	0	0.000	0.000	0.750	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.125	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.620	1.170	3.010
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.005
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.030	0.363	0.650
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	25	0	0.000	6.890	7.446	7.930
Iron	ug Fe/l	S	24	24	1	4.167	1.573	22.463	299.900
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.060	0.556	1.152
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.081	1.564	6.251

WATER SUPPLY ZONE - ZS0403 - Drumaroad Peninsula  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.015	0.043
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.066	0.135	0.269
Nitrate	mg NO3/l	S	8	8	0	0.000	1.282	1.487	1.669
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.157	0.246	0.509
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	6.081	6.736	7.838
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.040	0.414	0.730
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	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	26.865	34.334	44.780
Total coliforms	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.110	0.188	0.320
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 16885

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 12-SEP-2011 (ZS0403AE) Aluminium = 272 ug Al/.

Sample failed 20-DEC-2011 (ZS0403AE) Iron = 300 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 - ZS0501 - Drumaroad Lisburn

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	52	52	0	0.000	20.470	53.049	160.500
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.012	0.036
Antimony	ug/l Sb	S	8	8	0	0.000	0.033	0.052	0.085
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.007	0.015
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.385	2.800
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.018	0.045
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.073	0.229	0.365
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	1.462	24.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.750	20.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.520	1.227	3.530
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.006	0.021
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.020	0.224	0.600
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	7.080	7.511	8.180
Iron	ug Fe/l	S	52	52	1	1.923	1.741	26.119	212.500
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.684	1.302
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.452	18.620

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.022	0.035
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.076	0.190	0.379
Nitrate	mg NO3/l	S	8	8	0	0.000	1.471	1.695	1.987
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.151	0.194	0.227
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.772	6.259	7.075
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	52	51	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.163	< 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	0.318	1.200
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	19.975	30.955	38.708
Total coliforms	No./100 ml	S	156	156	1	0.641	0.000	0.006	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.060	0.190	0.360
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 64890

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 05-OCT-2011 (ZS0501AE) Iron = 213 ug Fe/.

Sample failed 26-SEP-2011 (ZS0501AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	4.465	29.671	259.300
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.011	0.019
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.101	0.154
Arsenic	ug/l As	S	8	8	0	0.000	0.281	0.403	0.579
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.011	0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.004
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.264	0.485	0.621
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	52	52	0	0.000	0.000	8.981	146.000
Colony Counts 37 (48hrs)	No./l ml	S	52	52	0	0.000	0.000	0.308	4.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.600	1.788	3.790
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.058
Cyanide	ug/l	AS	8	8	0	0.000	1.200	< 1.975	< 5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.038	< 0.100
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.020	0.150	1.960
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	52	52	0	0.000	7.210	7.617	8.270
Iron	ug Fe/l	S	52	52	1	1.923	1.644	30.214	201.800
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.342	4.074	14.210
Linuron	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.009	0.025
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	0.027
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 3.642	16.950
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.021	0.049
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.122	1.810	5.752
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.766	3.914

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.019	0.044
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.449	0.899
Simazine	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	17.174	19.715	25.499
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.290	2.170
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Trihalomethanes	ug/l	S	8	8	0	0.000	39.987	49.822	59.350
Total coliforms	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	0	0.000	0.110	0.293	0.920
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55088

PCV Exceedances:

Sample failed 08-NOV-2011 (ZS0502AE) Aluminium = 259 ug Al/.

Sample failed 21-JUN-2011 (ZS0502AE) Iron = 202 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	1	4.167	7.923	40.143	352.200
Ammonium	mg NH4/l	S	24	24	0	0.000	0.006	0.012	0.027
Antimony	ug/l Sb	S	8	8	0	0.000	0.051	0.109	0.140
Arsenic	ug/l As	S	8	8	0	0.000	0.254	0.346	0.464
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
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	0.021
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	< 0.019	0.047
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.012	0.023
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.004
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chromium	ug/l Cr	S	8	8	0	0.000	0.378	0.529	0.785
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	24	24	0	0.000	0.000	5.583	56.000
Colony Counts 37 (48hrs)	No./l 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	1.761	3.740
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.016	0.058
Cyanide	ug/l	AS	8	8	0	0.000	1.200	< 1.975	< 5.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.038	< 0.100
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.020	0.215	0.740
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	24	25	0	0.000	7.420	7.616	8.050
Iron	ug Fe/l	S	24	24	0	0.000	1.677	11.710	88.960
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.078	0.707	1.261
Linuron	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.009	0.025
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	0.027
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.088	5.845
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.079
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.837	1.155	1.417
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.715	4.066

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	0.007	0.020	0.078
Odour	Diln No	S	24	24	1	4.167	0.000	0.042	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	< 0.003	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.397	0.535
Simazine	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	16.839	19.640	24.209
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.040	0.370	0.890
Total Indicative Dose	mSv/year	AS	2	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Trihalomethanes	ug/l	S	8	8	0	0.000	38.448	46.681	54.509
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	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.110	0.230	0.570
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22775

PCV Exceedances:

Sample failed 12-SEP-2011 (ZS0503AE) Aluminium = 352 ug Al/.

Sample failed 24-AUG-2011 (ZS0503AE) 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 - ZS0601 - Drumaroad Ballynahinch

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	1	4.167	28.590	79.052	268.200
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.012	0.050
Antimony	ug/l Sb	S	8	8	0	0.000	0.035	0.059	0.122
Arsenic	ug/l As	S	8	8	0	0.000	0.250	< 0.294	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.011	0.028
Bromate	ug/l	S	8	8	0	0.000	0.970	1.194	1.800
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.027	0.061
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.079	0.187	0.367
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	24	24	0	0.000	0.000	0.500	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.417	31.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.630	1.234	2.440
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.010
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	< 0.020	< 0.374	0.770
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.110	7.432	7.850
Iron	ug Fe/l	S	24	24	0	0.000	1.517	16.690	149.600
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.090	2.921	18.250
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	24	24	0	0.000	0.073	2.191	8.757

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.007	0.014	0.035
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.098	0.244	0.909
Nitrate	mg NO3/l	S	8	8	0	0.000	1.296	1.584	1.789
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.264	0.523
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.350	6.160	7.662
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	< 0.020	< 0.415	0.820
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	20.493	32.362	50.362
Total coliforms	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.070	0.234	1.250
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 26693

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 03-OCT-2011 (ZS0601AE) Aluminium = 268 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	1	2.778	13.660	76.910	501.300
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.010	< 0.012	0.037
Antimony	ug/l Sb	S	8	8	0	0.000	0.016	0.048	0.076
Arsenic	ug/l As	S	8	8	0	0.000	0.260	< 0.290	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	0.000	0.009	0.012
Atrazine	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	0.016	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.010	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.999	1.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.016	0.037
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	1.656	8.571	9.667
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.085	0.206	0.305
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.016	< 0.016	< 0.016
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	37	0	0.000	0.000	5.135	166.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	37	0	0.000	0.000	1.568	51.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.610	1.191	2.710
Conductivity	uS/cm 20 C	AS	365	364	0	0.000	67.300	75.365	372.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.004	0.013
Cyanide	ug/l	AS	24	24	0	0.000	< 0.300	< 1.639	4.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	0.007
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	21	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.007
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.024	< 0.070	0.165
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.020	0.345	0.750
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.110	7.469	8.430
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 16.751	187.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	9	0	0.000	< 0.100	< 0.703	3.675
Linuron	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	24	24	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 2.494	34.110

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.008	0.022	0.061
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	< 0.100	< 0.161	0.224
Nitrate	mg NO3/l	S	8	8	0	0.000	1.390	1.640	1.782
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.005
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	24	23	0	0.000	< 0.005	< 0.005	0.019
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.168	0.376	1.020
Simazine	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	5.674	6.260	7.136
Sulphate	mg SO4/l	AS	24	24	0	0.000	8.834	12.948	18.315
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.040	0.382	0.780
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	0.725	1.272	2.040
Total Trihalomethanes	ug/l	S	8	8	0	0.000	20.957	30.115	37.290
Total coliforms	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 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	0.050	0.202	0.560
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 34393

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-APR-2011 (ZS0602AE) Aluminium = 501 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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	12	12	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	1	4.167	1.790	40.901	302.700
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.012	0.025
Antimony	ug/l Sb	S	8	8	0	0.000	0.067	0.111	0.142
Arsenic	ug/l As	S	8	8	0	0.000	0.255	0.298	0.365
Asulam	ug/l	AS	12	12	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.026
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.002	0.010
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	< 0.970	< 1.361	4.100
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.012	0.026
Carbendazim	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.271	0.403	0.679
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	24	24	0	0.000	0.000	20.708	272.000
Colony Counts 37 (48hrs)	No./l ml	S	24	24	0	0.000	0.000	0.500	9.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.860	1.730	3.450
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.027	0.082
Cyanide	ug/l	AS	12	12	0	0.000	0.410	< 1.937	< 5.000
Cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	12	12	0	0.000	< 0.001	< 0.002	0.007
Dichlorophen	ug/l	AS	12	12	0	0.000	< 0.020	< 0.033	< 0.100
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	12	12	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	60	59	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	12	12	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.030	0.333	1.110
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	24	24	0	0.000	7.050	7.493	8.170
Iron	ug Fe/l	S	24	24	1	4.167	< 2.000	< 76.717	661.000
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.364	0.946	2.061
Linuron	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	12	12	0	0.000	< 0.002	< 0.007	0.032
MCPB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	12	12	0	0.000	< 0.002	< 0.006	0.020
Manganese	ug Mn/l	S	24	24	1	4.167	< 0.100	< 6.413	86.850
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.017	0.045
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.885	1.184	1.560
Nitrate	mg NO3/l	S	8	8	0	0.000	0.090	1.678	4.070

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	1	12.500	< 0.010	< 0.033	0.190
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	12	12	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.191	0.259	0.352
Simazine	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	16.123	18.287	21.032
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.070	0.426	1.330
Total Trihalomethanes	ug/l	S	8	8	0	0.000	37.715	47.059	52.416
Total coliforms	No./100 ml	S	60	59	1	1.695	0.000	0.068	4.000
Triclopyr	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	24	24	1	4.167	0.180	0.572	4.730
op'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23933

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 08-NOV-2011 (ZS0802AE) Aluminium = 303 ug Al/.  
 Sample failed 08-NOV-2011 (ZS0802AE) Iron = 661 ug Fe/.  
 Sample failed 08-NOV-2011 (ZS0802AE) Manganese = 86.9 ug Mn.  
 Sample failed 08-NOV-2011 (ZS0802AE) PAH - Sum of four substances = 0.1900 ug/.  
 Sample failed 07-JUN-2011 (ZS0802AE) Total coliforms = 4 No./100.  
 Sample failed 08-NOV-2011 (ZS0802AE) Turbidity = 4.7 NTU.

Notes:

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

WATER SUPPLY ZONE - ZS0807 - Castor Bay Loughgall

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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	12	12	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	2.902	34.669	231.600
Ammonium	mg NH4/l	S	52	52	0	0.000	0.005	0.012	0.036
Antimony	ug/l Sb	S	8	8	0	0.000	0.022	0.099	0.153
Arsenic	ug/l As	S	8	8	0	0.000	0.286	0.348	0.413
Asulam	ug/l	AS	12	12	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
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	0.005
Boron	mg/l B	S	8	8	0	0.000	0.002	0.013	0.027
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.021
Carbendazim	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.260	0.551	1.385
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.115	39.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.500	7.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.630	1.538	3.550
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.022	0.093
Cyanide	ug/l	AS	12	12	0	0.000	0.410	< 1.937	< 5.000
Cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	12	12	0	0.000	< 0.001	< 0.002	0.007
Dichlorophen	ug/l	AS	12	12	0	0.000	< 0.020	< 0.033	< 0.100
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	12	12	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	192	192	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	12	12	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	< 0.020	< 0.522	1.100
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	52	52	0	0.000	6.930	7.504	8.190
Iron	ug Fe/l	S	52	52	1	1.923	1.628	19.468	229.100
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.090	0.530	0.847
Linuron	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	12	12	0	0.000	< 0.002	< 0.007	0.032
MCPB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	12	12	0	0.000	< 0.002	< 0.006	0.020
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 2.567	11.950
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.018	0.041
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.015	1.345	2.121
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.912	5.794

WATER SUPPLY ZONE - ZS0807 - Castor Bay Loughgall  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.017	0.040
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	< 0.011	0.019
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	12	12	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.195	0.336	0.608
Simazine	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	17.225	19.012	21.039
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	< 0.020	< 0.623	1.230
Total Trihalomethanes	ug/l	S	8	8	0	0.000	38.573	52.634	70.868
Total coliforms	No./100 ml	S	192	192	1	0.521	0.000	0.016	3.000
Triclopyr	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	52	52	0	0.000	0.070	0.243	0.520
op'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 78515

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 03-NOV-2011 (ZS0807AE) Aluminium = 232 ug Al/.  
 Sample failed 19-MAY-2011 (ZS0807AE) Iron = 229 ug Fe/.  
 Sample failed 21-JUN-2011 (ZS0807AE) Total coliforms = 3 No./100.

Notes:

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



WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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	12	12	0	0.000	< 0.002	< 0.003	< 0.004
2,4-DB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Aldrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Alpha-cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	76	76	0	0.000	4.691	31.527	176.700
Ammonium	mg NH4/l	S	76	76	0	0.000	0.005	0.012	0.038
Antimony	ug/l Sb	S	8	8	0	0.000	0.028	0.115	0.154
Arsenic	ug/l As	S	8	8	0	0.000	0.251	0.312	0.391
Asulam	ug/l	AS	12	12	0	0.000	< 0.003	< 0.006	< 0.007
Atrazine	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
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	0.006	0.017	0.030
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Cadmium	ug/l Cd	S	8	8	0	0.000	0.007	0.013	0.025
Carbendazim	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Chlormequat	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Chlorothalonil	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	12	12	0	0.000	< 0.010	< 0.010	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	0.190	0.445	0.584
Clopyralid	ug/l	AS	12	12	0	0.000	< 0.001	< 0.003	< 0.004
Colony Counts 22	No./l ml	S	76	76	0	0.000	0.000	1.711	38.000
Colony Counts 37 (48hrs)	No./l ml	S	76	76	0	0.000	0.000	1.250	43.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	0.580	1.684	3.060
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.013	0.022
Cyanide	ug/l	AS	12	12	0	0.000	0.410	< 1.937	< 5.000
Cypermethrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Dicamba	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Dichlorbenil	ug/l	AS	12	12	0	0.000	< 0.001	< 0.002	0.007
Dichlorophen	ug/l	AS	12	12	0	0.000	< 0.020	< 0.033	< 0.100
Dichlorprop	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	12	12	0	0.000	< 0.008	< 0.008	< 0.008
Dieldrin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	No./100 ml	S	204	204	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.004
Fluroxypyr	ug/l	AS	12	12	0	0.000	< 0.002	< 0.004	< 0.006
Free - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.030	0.523	1.120
Glyphosate	ug/l	AS	12	12	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Hydrogen Ion	pH value	S	76	76	0	0.000	6.960	7.514	8.000
Iron	ug Fe/l	S	76	76	0	0.000	1.975	30.898	167.800
Isoproturon	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	0.070	0.572	1.409
Linuron	ug/l	AS	12	12	0	0.000	< 0.005	< 0.005	< 0.005
MCPA	ug/l	AS	12	12	0	0.000	< 0.002	< 0.007	0.032
MCPB	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	12	12	0	0.000	< 0.002	< 0.006	0.020
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 3.377	14.150
Mercury	ug/l Hg	S	8	8	0	0.000	0.005	0.031	0.090
Metalaxyl	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.013	1.277	1.661
Nitrate	mg NO3/l	S	8	8	0	0.000	< 0.100	< 1.826	3.891

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Nitrite	mg NO2/l	S	8	8	0	0.000	0.005	0.010	0.018
Odour	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	12	12	0	0.000	< 0.002	< 0.003	< 0.004
Pesticides - Total Substances	ug/l	AS	12	12	0	0.000	< 0.050	< 0.050	< 0.050
Phorate	ug/l	AS	12	12	0	0.000	< 0.009	< 0.009	< 0.009
Propazine	ug/l	AS	12	12	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	0.181	0.293	0.522
Simazine	ug/l	AS	12	12	0	0.000	< 0.007	< 0.007	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	16.842	18.681	22.550
Taste	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	204	204	0	0.000	0.050	0.630	1.190
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.882	41.619	49.485
Total coliforms	No./100 ml	S	204	204	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	12	12	0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	NTU	S	76	76	0	0.000	0.070	0.292	0.990
op'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	ug/l	AS	12	12	0	0.000	< 0.002	< 0.002	< 0.002

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 81858

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	20	19	0	0.000	< 0.002	< 0.005	< 0.008
2,4-DB	ug/l	AS	20	19	0	0.000	< 0.002	< 0.006	< 0.010
Aldrin	ug/l	AS	20	19	0	0.000	< 0.001	< 0.002	< 0.003
Alpha-cypermethrin	ug/l	AS	20	19	0	0.000	< 0.003	< 0.005	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	5.972	25.086	58.890
Ammonium	mg NH4/l	S	24	24	0	0.000	0.005	0.012	0.030
Antimony	ug/l Sb	S	8	8	0	0.000	0.068	0.090	0.111
Arsenic	ug/l As	S	8	8	0	0.000	0.261	0.321	0.404
Asulam	ug/l	AS	20	19	0	0.000	< 0.003	< 0.007	< 0.010
Atrazine	ug/l	AS	20	19	0	0.000	< 0.003	< 0.004	< 0.005
Bentazone	ug/l	AS	20	19	0	0.000	< 0.002	< 0.005	0.011
Benzene	ug/l	S	8	8	0	0.000	0.015	< 0.019	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.002
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	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	20	19	0	0.000	< 0.002	< 0.004	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.013	0.022
Carbendazim	ug/l	AS	20	19	0	0.000	< 0.002	< 0.003	< 0.005
Chloride	mg Cl/l	AS	8	8	0	0.000	14.846	15.343	15.748
Chlormequat	ug/l	AS	20	18	0	0.000	< 0.003	< 0.004	< 0.009
Chlorothalonil	ug/l	AS	20	19	0	0.000	< 0.003	< 0.004	< 0.006
Chlorpyrifos	ug/l	AS	20	18	0	0.000	< 0.005	< 0.008	< 0.015
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.327	0.497
Clopyralid	ug/l	AS	20	19	0	0.000	< 0.001	< 0.008	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	7.125	140.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.625	20.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.500	1.439	2.580
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	159.000	170.458	212.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.035	0.214
Cyanide	ug/l	AS	20	19	0	0.000	0.410	< 2.453	< 5.000
Cypermethrin	ug/l	AS	20	19	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	20	19	0	0.000	< 0.005	< 0.006	< 0.006
Dicamba	ug/l	AS	20	19	0	0.000	< 0.002	< 0.005	0.014
Dichlorbenil	ug/l	AS	20	19	0	0.000	< 0.001	< 0.004	0.007
Dichlorophen	ug/l	AS	20	19	0	0.000	< 0.006	< 0.021	< 0.100
Dichlorprop	ug/l	AS	20	19	0	0.000	< 0.002	< 0.004	< 0.006
Dichlorvos	ug/l	AS	20	19	0	0.000	< 0.006	< 0.007	< 0.008
Dieldrin	ug/l	AS	20	19	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	20	19	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	20	18	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	20	19	0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	20	18	0	0.000	< 0.004	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	20	18	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.109	0.644
Fluroxypyr	ug/l	AS	20	19	0	0.000	< 0.002	< 0.008	0.020
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.030	0.498	1.230
Glyphosate	ug/l	AS	20	19	0	0.000	< 0.006	< 0.008	< 0.010
Heptachlor	ug/l	AS	20	19	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	20	19	0	0.000	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	ug/l	AS	20	19	0	0.000	< 0.002	< 0.003	< 0.005
Hydrogen Ion	pH value	S	24	24	1	4.167	6.030	7.374	7.740
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 17.870	68.420
Isoproturon	ug/l	AS	20	18	0	0.000	< 0.002	< 0.003	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.065	3.102	17.730
Linuron	ug/l	AS	20	18	0	0.000	< 0.004	< 0.005	< 0.005
MCPA	ug/l	AS	20	19	0	0.000	< 0.002	< 0.007	0.032
MCPB	ug/l	AS	20	19	0	0.000	< 0.002	< 0.006	< 0.009
MCCP(Mecoprop)	ug/l	AS	20	19	0	0.000	< 0.002	< 0.011	0.022
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 3.256	12.700

WATER SUPPLY ZONE - ZS0901 - Camlough Newry West  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.150	0.975
Metalaxyl	ug/l	AS	20	19	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.634	0.832	1.084
Nitrate	mg NO3/l	S	8	8	0	0.000	0.300	2.011	4.484
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	20	18	0	0.000	< 0.002	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	20	19	0	0.000	< 0.002	< 0.003	0.006
Pesticides - Total Substances	ug/l	AS	20	19	0	0.000	< 0.050	< 0.051	0.067
Phorate	ug/l	AS	20	17	0	0.000	< 0.005	< 0.007	< 0.009
Propazine	ug/l	AS	20	18	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	20	19	0	0.000	< 0.004	< 0.006	< 0.007
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.335	0.637
Simazine	ug/l	AS	20	19	0	0.000	< 0.006	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	13.658	15.264	17.831
Sulphate	mg SO4/l	AS	8	8	0	0.000	24.471	28.199	36.947
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.060	0.581	1.310
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	1.430	2.006	2.510
Total Trihalomethanes	ug/l	S	8	8	0	0.000	32.366	41.917	50.057
Total coliforms	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	20	19	0	0.000	< 0.003	< 0.006	< 0.011
Trifluralin	ug/l	AS	20	19	0	0.000	< 0.002	< 0.004	< 0.008
Tritium	Bq/l	AS	2	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.100	0.220	0.400
op'-DDT	ug/l	AS	20	19	0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	ug/l	AS	20	19	0	0.000	< 0.002	< 0.004	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21188

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 17-JUN-2011 (ZS0901AE) Hydrogen Ion = 6.03 pH va.

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 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	36	36	0	0.000	4.390	31.604	118.000
Ammonium	mg NH4/l	S	36	36	0	0.000	0.006	0.013	0.054
Antimony	ug/l Sb	S	8	8	0	0.000	0.024	0.060	0.105
Arsenic	ug/l As	S	8	8	0	0.000	0.290	0.319	0.432
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	0.026
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.014	0.028
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.464	2.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.006	0.011	0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	11.176	14.299	29.787
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.180	0.269	0.357
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	4.194	108.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	3.722	114.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	0.680	1.386	2.840
Conductivity	uS/cm 20 C	AS	156	156	0	0.000	70.000	107.348	120.700
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.037	0.127
Cyanide	ug/l	AS	8	6	0	0.000	< 0.300	< 2.000	3.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.011	0.019
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	84	84	1	1.190	0.000	0.012	1.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.206	1.482
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.070	0.669	1.400
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.010	7.370	8.190
Iron	ug Fe/l	S	36	36	2	5.556	< 2.000	< 55.000	592.200
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.118	0.715	1.621
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCPP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	36	36	0	0.000	0.074	3.210	16.740

WATER SUPPLY ZONE - ZS0902 - Pofanny Dromore  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.009	0.015	0.028
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	0.120	0.234	0.466
Nitrate	mg NO3/l	S	8	8	0	0.000	0.492	1.009	1.283
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	0.012
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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
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	< 0.005	< 0.006	0.011
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.268	0.452
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	6.890	8.204	11.993
Sulphate	mg SO4/l	AS	8	8	0	0.000	17.769	28.133	75.632
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.080	0.741	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	1.100	1.719	2.620
Total Trihalomethanes	ug/l	S	8	8	0	0.000	11.043	27.988	45.030
Total coliforms	No./100 ml	S	84	84	2	2.381	0.000	0.107	8.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.060	0.208	0.800
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29585

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 21-JUL-2011 (ZS0902AE) E. coli = 1 No./100.  
 Sample failed 24-FEB-2011 (ZS0902AE) Iron = 592 ug Fe/.  
 Sample failed 21-DEC-2011 (ZS0902AE) Iron = 366 ug Fe/.  
 Sample failed 03-MAR-2011 (ZS0902AE) Total coliforms = 8 CFU/100m.  
 Sample failed 21-JUL-2011 (ZS0902AE) 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 - ZS0904 - Fofanny Mourne

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	52	52	0	0.000	6.584	25.657	66.780
Ammonium	mg NH4/l	S	52	52	0	0.000	0.009	0.010	0.031
Antimony	ug/l Sb	S	8	8	0	0.000	0.035	0.052	0.071
Arsenic	ug/l As	S	8	8	0	0.000	0.254	< 0.290	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.015	0.066
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.343	1.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	0.005	0.019	0.051
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	11.176	14.299	29.787
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.078	0.234	0.428
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.231	54.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.423	11.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	0.680	1.269	1.950
Conductivity	uS/cm 20 C	AS	156	156	0	0.000	70.000	107.348	120.700
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.013	0.058
Cyanide	ug/l	AS	8	6	0	0.000	< 0.300	< 2.000	3.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.011	0.019
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.206	1.482
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.819	1.450
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.790	7.353	7.770
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 17.355	452.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.426	0.927
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.967	11.270

WATER SUPPLY ZONE - ZS0904 - Pofanny Mourne  
 Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.010	0.029	0.074
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	< 0.100	< 0.216	0.341
Nitrate	mg NO3/l	S	8	8	0	0.000	0.317	0.984	1.418
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	1	1.923	0.000	0.019	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	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
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	< 0.005	< 0.006	0.011
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	0.168	0.258	0.429
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	7.032	7.855	8.914
Sulphate	mg SO4/l	AS	8	8	0	0.000	17.769	28.133	75.632
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 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	0.070	0.893	1.620
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	1.100	1.719	2.620
Total Trihalomethanes	ug/l	S	8	8	0	0.000	13.105	31.563	56.899
Total coliforms	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.060	0.169	0.460
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50945

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 19-APR-2011 (ZS0904AE) Iron = 453 ug Fe/.  
 Sample failed 31-JAN-2011 (ZS0904AE) 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 - ZS1001 - Carran Hill Crossmaglen

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Aluminium	ug Al/l	S	24	24	0	0.000	< 1.000	< 17.031	63.390
Ammonium	mg NH4/l	S	24	24	0	0.000	0.006	0.011	0.032
Antimony	ug/l Sb	S	8	8	0	0.000	0.099	0.137	0.169
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.352	0.446
Asulam	ug/l	AS	8	8	0	0.000	0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
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	< 0.016	0.035
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 0.970	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.012	0.025
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	16.722	19.383	20.954
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Chromium	ug/l Cr	S	8	8	0	0.000	0.182	0.283	0.438
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.016	< 0.016	< 0.016
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	6.833	105.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.292	5.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	0.920	2.081	4.460
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	228.000	248.361	279.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.032	0.146
Cyanide	ug/l	AS	8	8	0	0.000	2.800	3.788	4.900
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Dicamba	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	0.014
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	6	0	0.000	< 0.007	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.024	< 0.106	0.631
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.080	0.482	1.160
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.990	7.440	7.700
Iron	ug Fe/l	S	24	24	5	20.833	< 2.000	< 92.819	466.800
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Lead	ug Pb/l	S	8	8	0	0.000	0.255	0.779	1.474
Linuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
MCPA	ug/l	AS	8	8	0	0.000	< 0.008	< 0.021	0.050
MCPB	ug/l	AS	8	8	0	0.000	< 0.009	< 0.009	< 0.009
MCCP(Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.018	< 0.020	0.032
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 3.010	12.190

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen

Printed On 24-MAY-2012 : NI Water : Period 01-JAN-2011 to 31-DEC-2011 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
Mercury	ug/l Hg	S	8	8	0	0.000	0.006	0.016	0.036
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Nickel	ug/l Ni	S	8	8	0	0.000	1.184	1.967	3.053
Nitrate	mg NO3/l	S	8	8	0	0.000	0.809	3.326	5.598
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.010	< 0.011	0.018
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.006
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.050	< 0.052	0.064
Phorate	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	0.008
Propazine	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Selenium	ug/l Se	S	8	8	0	0.000	< 0.200	< 0.272	0.462
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Sodium	mg Na/l	S	8	8	0	0.000	10.845	12.670	18.329
Sulphate	mg SO4/l	AS	8	8	0	0.000	41.488	49.214	54.905
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	S	8	8	0	0.000	< 0.100	< 0.150	< 0.200
Tetrachloromethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.150	0.583	1.270
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	2.820	3.329	4.130
Total Trihalomethanes	ug/l	S	8	8	0	0.000	34.082	51.741	60.251
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	< 0.011	< 0.011	< 0.011
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 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	0.110	0.327	1.200
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10818

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 11-JAN-2011 (ZS1001AE) Iron = 269 ug Fe/.  
 Sample failed 18-JAN-2011 (ZS1001AE) Iron = 299 ug Fe/.  
 Sample failed 22-FEB-2011 (ZS1001AE) Iron = 321 ug Fe/.  
 Sample failed 22-JUN-2011 (ZS1001AE) Iron = 380 ug Fe/.  
 Sample failed 23-SEP-2011 (ZS1001AE) Iron = 467 ug Fe/.

Notes:

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