

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.066	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	< 0.000	< 44.948	< 468.700
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.048
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.260	< 0.408	< 0.580
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.078	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.960	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.017	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	13.400	29.823	65.699
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	S	8	8	0	0.000	< 0.200	< 0.279	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	> 14.865	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	4.423	185.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.576	5.480
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.012	0.044
Cyanide	ug/l	AS	8	8	0	0.000	< 0.001	< 0.688	1.100
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	< 0.002	< 0.002
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	< 0.020	< 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	9	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	CFU/100ml	S	180	180	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.010	< 0.139	0.500
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.014
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	7.050	7.456	7.930
Iron	ug Fe/l	S	52	52	1	1.923	< 0.000	< 46.237	720.300
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.280	3.390
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	< 0.010	0.028
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.014
Manganese	ug Mn/l	S	52	52	1	1.923	< 0.000	< 4.308	95.500
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.014
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZN0101 - Ballinrees Coleraine

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	1.400	1.638	2.200
Nitrate	S	8	8		0	0.000	0.183	1.254	2.995
Nitrite	S	8	8		0	0.000	< 0.000	< 0.009	0.018
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.012	< 0.039
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	10.261	14.248	17.236
Sulphate	AS	8	8		0	0.000	23.606	60.223	86.700
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.128	< 0.220
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.074	0.270
Total - Residual disinfectant	S	180	180		0	0.000	0.050	0.252	0.620
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.180	2.794	3.650
Total Trihalomethanes	S	8	8		0	0.000	33.430	44.023	57.832
Total coliforms	S	180	180		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		0	0.000	0.150	0.330	1.560
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 84254

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 15-JUL-2009 (ZN0101AE) Aluminium = 469 ug Al/.
 Sample failed 15-JUL-2009 (ZN0101AE) Iron = 720 ug Fe/.
 Sample failed 15-JUL-2009 (ZN0101AE) Manganese = 96 ug Mn/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0201 - Alcrossagh Ballycastle

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	2	0	0.000	< 0.049	< 0.049	< 0.049
2,4-D	ug/l	AS	8	2	0	0.000	< 0.005	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Aldrin	ug/l	AS	8	2	0	0.000	< 0.001	< 0.001	< 0.001
Aluminium	ug Al/l	S	12	12	0	0.000	< 0.900	< 27.608	72.600
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.000	< 0.005	0.012
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.330	< 0.500
Asulam	ug/l	AS	8	2	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	2	0	0.000	< 0.001	< 0.003	< 0.005
Bentazone	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	2	0	0.000	< 0.030	< 0.030	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	2	0	0.000	< 26.000	< 26.000	< 26.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 2.181	4.400
Bromoxynil	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.016	< 0.060
Carbendazim	ug/l	AS	8	2	0	0.000	< 0.009	< 0.009	< 0.009
Chloride	mg Cl/l	AS	8	3	0	0.000	16.686	20.520	22.816
Chlormequat	ug/l	AS	8	2	0	0.000	< 0.009	< 0.009	< 0.009
Chlorothalonil	ug/l	AS	8	2	0	0.000	< 0.004	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	2	0	0.000	< 0.005	< 0.012	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.351	< 0.700
Clopyralid	ug/l	AS	8	2	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	12	5	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	> 42.417	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.250	3.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	< 0.350	< 2.030	4.340
Conductivity	uS/cm 20 C	AS	12	5	0	0.000	196.000	361.600	409.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.030	0.126
Cyanide	ug/l	AS	8	1	0	0.000	0.670	0.670	0.670
Cypermethrin	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	2	0	0.000	< 0.002	< 0.004	< 0.005
Dicamba	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	2	0	0.000	< 0.004	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	2	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorprop	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	2	0	0.000	< 0.002	< 0.004	< 0.006
Dieldrin	ug/l	AS	8	2	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	2	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	CFU/100ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	2	0	0.000	< 0.004	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	2	0	0.000	< 0.003	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	8	2	0	0.000	< 0.003	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	3	0	0.000	< 0.000	< 0.015	0.045
Fluroxyppyr	ug/l	AS	8	2	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	< 0.010	< 0.196	0.560
Glyphosate	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	2	0	0.000	< 0.000	< 0.000	< 0.000
Hexachlorobenzene	ug/l	AS	8	2	0	0.000	< 0.003	< 0.004	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	6.830	7.286	7.620
Iron	ug Fe/l	S	12	12	0	0.000	< 0.000	< 44.467	102.900
Isoproturon	ug/l	AS	8	2	0	0.000	< 0.013	< 0.013	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.803	4.090
Linuron	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	2	0	0.000	< 0.004	< 0.004	< 0.004
MCPB	ug/l	AS	8	2	0	0.000	< 0.004	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.000	< 1.533	7.100
Mecoprop P	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug/l	AS	8	2	0	0.000	< 0.037	< 0.037	< 0.037

WATER SUPPLY ZONE - ZN0201 - Alcrossagh Ballycastle

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							Auth Dep	Min.	Mean
Metalaxyl	AS	8	2		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	S	8	8		0	0.000	< 0.380	< 1.549	4.000
Nitrate	S	8	8		0	0.000	0.412	4.885	19.518
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.001	< 0.003
Pendimethalin	AS	8	2		0	0.000	< 0.001	< 0.003	< 0.006
Pentachlorophenol	AS	8	2		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	2		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	2		0	0.000	< 0.005	< 0.012	< 0.020
Propazine	AS	8	2		0	0.000	< 0.001	< 0.002	< 0.004
Propetamphos	AS	8	2		0	0.000	< 0.002	< 0.003	< 0.004
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	2		0	0.000	< 0.002	< 0.004	< 0.006
Sodium	S	8	8		0	0.000	8.087	12.077	15.816
Sulphate	AS	8	3		0	0.000	11.111	21.141	40.386
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	2		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	2		0	0.000	< 0.074	< 0.074	< 0.074
Total - Residual disinfectant	S	24	24		0	0.000	0.060	0.273	0.650
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	3		0	0.000	0.747	1.124	1.763
Total Trihalomethanes	S	8	8		0	0.000	5.490	51.154	92.077
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	2		0	0.000	< 0.005	< 0.005	< 0.005
Trifluralin	AS	8	2		0	0.000	< 0.004	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	12	12		0	0.000	0.090	0.329	0.930
op'-DDT	AS	8	2		0	0.000	< 0.005	< 0.005	< 0.006
pp'-DDT	AS	8	2		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 = 8492

This zone has a surface water source :R1704

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 - ZN0202 - Altnahinch Bushmills

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							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.000	< 29.858	81.900
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.009	0.026
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.346	< 0.540
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 22.502	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 2.200	3.300
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.031	< 0.130
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	13.471	16.103	17.669
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.281	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	> 21.000	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.400	< 2.150	4.170
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	147.000	188.500	248.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.003	< 0.024	0.159
Cyanide	ug/l	AS	8	8	0	0.000	0.900	2.125	4.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	60	60	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.008	< 0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.010	< 0.189	0.740
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.060	7.459	8.070
Iron	ug Fe/l	S	24	24	6	25.000	< 7.000	<111.371	335.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.303	3.080
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 3.854	37.900
Mecoprop P	ug/l	AS	8	7	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8		0	0.000	< 0.690	< 1.251	2.200
Nitrate	mg NO3/l	S	8	8		0	0.000	0.515	0.790	1.181
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.002
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.000	< 0.003	< 0.009
Phorate	ug/l	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	mg Na/l	S	8	8		0	0.000	8.710	11.655	17.423
Sulphate	mg SO4/l	AS	8	8		0	0.000	45.764	57.398	79.412
Taste	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.030	< 0.069	< 0.074
Total - Residual disinfectant	mg Cl/l	S	60	60		0	0.000	0.030	0.263	0.800
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	1.683	2.663	4.188
Total Trihalomethanes	ug/l	S	8	8		1	12.500	33.360	55.071	105.484
Total coliforms	CFU/100ml	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.009
Trifluralin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	Bq/l	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	24	24		0	0.000	0.160	0.448	1.070
op'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 28761

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 10-FEB-2009 (ZN0202AE) Iron = 336 ug Fe/.
 Sample failed 03-MAR-2009 (ZN0202AE) Iron = 242 ug Fe/.
 Sample failed 07-MAY-2009 (ZN0202AE) Iron = 217 ug Fe/.
 Sample failed 06-AUG-2009 (ZN0202AE) Iron = 238 ug Fe/.
 Sample failed 03-NOV-2009 (ZN0202AE) Iron = 205 ug Fe/.
 Sample failed 27-NOV-2009 (ZN0202AE) Iron = 266 ug Fe/.
 Sample failed 24-JUL-2009 (ZN0202AE) Total Trihalomethanes = 105.5 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0203 - Ballinrees Ballymoney
 Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.066	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 0.000	< 33.417	73.600
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.009	0.030
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	0.250	< 0.398	< 0.510
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.078	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 1.165	2.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.021	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	13.400	29.823	65.699
Chloride	mg Cl/l	AS	8	1	0	0.000	13.872	13.872	13.872
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	S	8	8	0	0.000	< 0.200	< 0.325	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	24	3	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 14.611	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	5.444	196.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.653	3.970
Conductivity	uS/cm 20 C	AS	24	3	0	0.000	365.000	367.333	370.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.006	0.016
Cyanide	ug/l	AS	8	8	0	0.000	< 0.001	< 0.688	1.100
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	< 0.002	< 0.002
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	< 0.020	< 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	9	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	CFU/100ml	S	84	84	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	8	1	0	0.000	0.026	0.026	0.026
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Fluoroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	< 0.010	< 0.129	0.660
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.014
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	36	0	0.000	7.120	7.488	7.940
Iron	ug Fe/l	S	36	36	1	2.778	< 0.000	< 43.342	241.200
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.399	9.270
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	< 0.010	0.028
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.014

WATER SUPPLY ZONE - ZN0203 - Ballinrees Ballymoney

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Manganese	S	36	36		0	0.000	< 0.000	< 3.203	23.600
Mecoprop P	AS	8	8		0	0.000	< 0.002	< 0.005	0.014
Mercury	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Nickel	S	8	8		0	0.000	< 0.830	< 1.401	2.000
Nitrate	S	8	8		0	0.000	0.464	1.373	2.969
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.001	< 0.004
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.012	< 0.039
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	9.936	13.631	17.206
Sulphate	AS	8	1		0	0.000	6.454	6.454	6.454
Sulphate	AS	8	8		0	0.000	23.606	60.223	86.700
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.128	< 0.220
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.074	0.270
Total - Residual disinfectant	S	84	84		0	0.000	0.040	0.234	0.770
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.180	2.794	3.650
Total Organic Carbon	AS	8	1		0	0.000	0.793	0.793	0.793
Total Trihalomethanes	S	8	8		0	0.000	30.130	47.516	89.362
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.150	0.428	2.720
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 17133

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 16-APR-2009 (ZN0203AE) Iron = 241 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	AS	4	4		0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	4	4		0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	4	4		0	0.000	< 0.000	< 2.000	< 8.000
Ammonium	mg NH4/l	S	4	4		0	0.000	< 0.000	< 0.012	0.028
Antimony	ug/l	S	4	4		0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	4	4		0	0.000	< 0.370	< 0.560	< 0.720
Asulam	ug/l	AS	4	4		0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	4	4		0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	4	4		0	0.000	< 0.030	< 0.038	< 0.060
Benzo(a)pyrene	ug/l	S	4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	4	4		0	0.000	< 0.036	< 41.759	78.000
Bromate	ug/l	S	4	4		0	0.000	< 0.600	< 0.868	< 0.970
Bromoxynil	ug/l	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	4	4		0	0.000	< 0.008	< 0.021	< 0.060
Carbendazim	ug/l	AS	4	4		0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	4	4		0	0.000	71.723	75.221	77.490
Chlormequat	ug/l	AS	4	4		0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	4	4		0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	4	4		0	0.000	< 0.005	< 0.010	< 0.020
Chromium	ug/l	S	4	4		0	0.000	< 0.200	< 0.325	< 0.700
Clopyralid	ug/l	AS	4	4		0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	4	4		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4		0	0.000	0.000	1.250	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4		0	0.000	0.000	0.250	1.000
Colour	mg/l Pt/Co	S	4	4		0	0.000	0.560	1.050	1.540
Conductivity	uS/cm 20 C	AS	4	4		0	0.000	471.000	473.750	478.000
Copper	mg Cu/l	S	4	4		0	0.000	< 0.004	< 0.009	0.018
Cyanide	ug/l	AS	4	4		0	0.000	< 0.660	< 0.683	0.710
Cypermethrin	ug/l	AS	4	4		0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	4	4		0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	4	4		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	4	4		0	0.000	< 0.006	< 0.016	< 0.020
Dichlorprop	ug/l	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	4	4		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	4	4		0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	4	4		0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	12	12		0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	4	4		0	0.000	< 0.003	< 0.004	< 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	< 0.003	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	4	4		0	0.000	< 0.000	< 0.040	0.091
Fluroxyppyr	ug/l	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	12	12		0	0.000	0.120	0.418	0.780
Glyphosate	ug/l	AS	4	4		0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	4	4		0	0.000	8.690	8.713	8.770
Iron	ug Fe/l	S	4	4		0	0.000	< 0.000	< 4.050	< 10.800
Isoproturon	ug/l	AS	4	4		0	0.000	< 0.002	< 0.008	< 0.013
Lead	ug Pb/l	S	4	4		0	0.000	< 0.000	< 2.748	7.080
Linuron	ug/l	AS	4	4		0	0.000	< 0.003	< 0.005	< 0.009
MCPA	ug/l	AS	4	4		0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	4	4		0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	4	4		0	0.000	< 0.000	< 0.025	< 0.100
Mecoprop P	ug/l	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	4	4		0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZN0204 - Rathlin Island

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	4	4		0	0.000	< 0.034	< 0.814	2.100
Nitrate	S	4	4		0	0.000	< 0.000	< 0.319	0.859
Nitrite	S	4	4		0	0.000	< 0.000	< 0.003	< 0.010
Odour	S	4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	4	4		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	4	4		0	0.000	< 0.001	< 0.004	< 0.006
Pentachlorophenol	AS	4	4		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	4	4		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	4	4		0	0.000	< 0.005	< 0.010	< 0.020
Propazine	AS	4	4		0	0.000	< 0.001	< 0.003	< 0.004
Propetamphos	AS	4	4		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	4	4		0	0.000	< 0.220	< 0.435	< 0.650
Simazine	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	4	4		0	0.000	96.921	99.969	104.160
Sulphate	AS	4	4		0	0.000	14.824	15.733	16.398
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	4	4		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	4	4		0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	12	12		0	0.000	0.220	0.485	0.990
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	4	4		0	0.000	1.371	1.672	2.139
Total Trihalomethanes	S	4	4		0	0.000	45.112	50.407	58.007
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	4	4		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	4	4		0	0.000	0.140	0.250	0.500
op'-DDT	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	4	4		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 106

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 - ZN0301 - Buckna Glenarm

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	2	0	0.000	< 0.049	< 0.049	< 0.049
2,4-D	ug/l	AS	8	2	0	0.000	< 0.005	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Aldrin	ug/l	AS	8	2	0	0.000	< 0.001	< 0.001	< 0.001
Aluminium	ug Al/l	S	12	12	0	0.000	< 0.000	< 17.625	< 44.400
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.000	< 0.010	< 0.027
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.220	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.330	< 0.501	< 0.790
Asulam	ug/l	AS	8	2	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	2	0	0.000	< 0.001	< 0.003	< 0.005
Bentazone	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	2	0	0.000	< 0.030	< 0.030	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	2	0	0.000	< 0.026	< 13.013	< 26.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.868	< 0.970
Bromoxynil	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.028	< 0.060
Carbendazim	ug/l	AS	8	2	0	0.000	< 0.009	< 0.009	< 0.009
Chloride	mg Cl/l	AS	8	2	0	0.000	15.154	15.308	15.462
Chlormequat	ug/l	AS	8	2	0	0.000	< 0.009	< 0.009	< 0.009
Chlorothalonil	ug/l	AS	8	2	0	0.000	< 0.004	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	2	0	0.000	< 0.005	< 0.012	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.560	< 0.770
Clopyralid	ug/l	AS	8	2	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	24	5	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	27.417	154.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	< 0.130	< 0.902	1.740
Conductivity	uS/cm 20 C	AS	24	5	0	0.000	262.000	264.600	267.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.178	0.681
Cyanide	ug/l	AS	8	1	0	0.000	1.800	1.800	1.800
Cypermethrin	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	2	0	0.000	< 0.002	< 0.004	< 0.005
Dicamba	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	2	0	0.000	< 0.004	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	2	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorprop	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	2	0	0.000	< 0.002	< 0.004	< 0.006
Dieldrin	ug/l	AS	8	2	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	2	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	CFU/100ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	2	0	0.000	< 0.004	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	2	0	0.000	< 0.003	< 0.005	< 0.007
Fenpropimorph	ug/l	AS	8	2	0	0.000	< 0.003	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	2	0	0.000	< 0.000	< 0.000	< 0.000
Fluroxyppyr	ug/l	AS	8	2	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	< 0.010	< 0.308	0.800
Glyphosate	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Heptachlor	ug/l	AS	8	2	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	2	0	0.000	< 0.000	< 0.000	< 0.000
Hexachlorobenzene	ug/l	AS	8	2	0	0.000	< 0.003	< 0.004	< 0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	6.960	7.538	8.000
Iron	ug Fe/l	S	12	12	0	0.000	< 0.000	< 12.850	33.300
Isoproturon	ug/l	AS	8	2	0	0.000	< 0.013	< 0.013	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.030	< 2.465	8.620
Linuron	ug/l	AS	8	2	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	2	0	0.000	< 0.004	< 0.004	< 0.004
MCPB	ug/l	AS	8	2	0	0.000	< 0.004	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.000	< 0.767	2.600
Mecoprop P	ug/l	AS	8	2	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug/l	AS	8	2	0	0.000	< 0.037	< 0.037	< 0.037

WATER SUPPLY ZONE - ZN0301 - Buckna Glenarm

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	2		0	0.000	< 0.002	< 0.003	< 0.004
Nickel	S	8	8		0	0.000	< 0.310	< 1.175	2.600
Nitrate	S	8	8		0	0.000	0.494	4.159	14.507
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	2		0	0.000	< 0.001	< 0.003	< 0.006
Pentachlorophenol	AS	8	2		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	2		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	2		0	0.000	< 0.005	< 0.012	< 0.020
Propazine	AS	8	2		0	0.000	< 0.001	< 0.002	< 0.004
Propetamphos	AS	8	2		0	0.000	< 0.002	< 0.003	< 0.004
Selenium	S	8	8		0	0.000	< 0.220	< 0.306	< 0.550
Simazine	AS	8	2		0	0.000	< 0.002	< 0.004	< 0.006
Sodium	S	8	8		0	0.000	11.976	16.049	19.923
Sulphate	AS	8	2		0	0.000	7.744	7.839	7.934
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	2		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	2		0	0.000	< 0.074	< 0.074	< 0.074
Total - Residual disinfectant	S	24	24		0	0.000	0.070	0.430	0.980
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	2		0	0.000	1.038	1.101	1.164
Total Trihalomethanes	S	8	8		0	0.000	15.690	48.038	69.988
Total coliforms	S	24	24		1	4.167	0.000	0.083	2.000
Triclopyr	AS	8	2		0	0.000	< 0.005	< 0.005	< 0.005
Trifluralin	AS	8	2		0	0.000	< 0.004	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	12	12		0	0.000	0.110	0.235	0.570
op'-DDT	AS	8	2		0	0.000	< 0.005	< 0.005	< 0.006
pp'-DDT	AS	8	2		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 = 5168

This zone has a surface water source :R1307

PCV Exceedances:

Sample failed 07-JUL-2009 (ZN0301AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.007
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	< 0.300	< 44.325	393.100
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.010	0.038
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	0.180	< 0.289	< 0.420
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	7	0	0.000	< 0.017	< 22.002	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 2.025	3.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.016	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	10.941	12.487	14.553
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.269	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.444	34.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.140	< 1.249	5.800
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	115.000	143.056	174.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.045	0.200
Cyanide	ug/l	AS	8	8	0	0.000	< 0.660	< 1.833	2.900
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	84	84	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.005	< 0.024
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	< 0.000	< 0.300	1.010
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.000	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.820	7.331	7.720
Iron	ug Fe/l	S	36	36	0	0.000	< 5.200	< 49.886	165.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.518	5.640
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.010
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	0.011
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 0.772	3.600
Mecoprop P	ug/l	AS	8	7	0	0.000	< 0.006	< 0.007	< 0.011
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.330	< 0.749	1.100
Nitrate	S	8	8		0	0.000	< 0.048	< 3.434	25.457
Nitrite	S	8	8		0	0.000	< 0.000	< 0.007	0.014
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.007	0.052
Phorate	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	7.548	10.286	16.473
Sulphate	AS	8	8		0	0.000	28.921	40.774	55.299
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.069	< 0.074
Total - Residual disinfectant	S	84	84		0	0.000	< 0.000	< 0.367	1.110
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.543	2.135	2.983
Total Trihalomethanes	S	8	8		0	0.000	19.649	38.822	82.834
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.008	0.031
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.080	0.223	0.530
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31356

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 25-FEB-2009 (ZN0302AE) Aluminium = 393 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 - ZN0303 - Dunore Point Ballymena

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth	Dep	ing
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.000	< 29.200	90.900
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.010	0.048
Antimony	ug/l	S	8	8	0	0.000	< 0.150	< 0.245	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.370	< 0.520	< 0.860
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.824	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.029	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.429	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	10.583	178.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	5.292	105.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.000	< 1.124	2.180
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.033	0.113
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
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	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
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	25	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	CFU/100ml	S	72	72	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluoroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	< 0.000	< 0.138	0.780
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
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	6.820	7.587	7.860
Iron	ug Fe/l	S	24	24	0	0.000	< 0.000	< 25.004	79.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.675	4.850
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	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 1.142	6.700
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Nickel	S	8	8		0	0.000	< 0.720	< 1.428	2.100
Nitrate	S	8	8		0	0.000	0.488	1.668	3.813
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Propazine	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.276	< 0.310
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	8.371	16.616	22.385
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Total - Residual disinfectant	S	72	72		0	0.000	0.050	0.236	0.840
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Trihalomethanes	S	12	12	150	0	0.000	12.360	38.051	57.196
Total coliforms	S	72	72		1	1.389	0.000	0.014	1.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.140	0.253	0.520
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 23570

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 15-JUL-2009 (ZN0303AE) Total coliforms = 1 CFU/100m.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0304 - Glarryford Ahoghill

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.000	< 8.788	< 49.100
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.008	< 0.023
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	0.340	< 0.448	< 0.710
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.009
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.038	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 18.217	< 39.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.868	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	17.941	19.425	20.711
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.848	< 1.400
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
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	> 14.042	>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	< 0.000	< 0.743	5.530
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	365.000	375.625	390.000
Copper	mg Cu/l	S	8	8	0	0.000	0.015	0.323	0.971
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 1.033	1.700
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.015	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.012	0.058
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.010	< 0.203	0.420
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.010	< 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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.230	7.417	7.965
Iron	ug Fe/l	S	24	24	0	0.000	< 0.000	< 3.342	23.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.220	3.930
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 0.429	4.400
Mecoprop P	ug/l	AS	8	6	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZN0304 - Glarryford Ahoghill

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.180	< 0.603	1.300
Nitrate	S	8	8		0	0.000	24.994	27.889	32.936
Nitrite	S	8	8		0	0.000	< 0.000	< 0.017	0.114
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.002
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.002	< 0.009
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	0.005	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	6.715	14.954	16.778
Sulphate	AS	8	8		0	0.000	14.623	15.870	17.477
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	48	48		0	0.000	0.070	0.288	0.600
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	0.963	1.182	1.600
Total Trihalomethanes	S	8	8		0	0.000	17.500	24.024	31.509
Total coliforms	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.080	0.158	0.330
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 13192

This zone has a surface water source :R1303

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	< 7.700	< 36.387	< 118.500
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.012	< 0.059
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.350	< 0.551	< 0.880
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	< 0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.964	< 1.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.266	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	4.558	60.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.635	21.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.186	< 4.910
Copper	mg Cu/l	S	8	8	0	0.000	0.007	0.027	0.102
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	< 1.900
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	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
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	25	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	CFU/100ml	S	192	192	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	< 0.000	< 0.141	< 0.650
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.031
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	52	0	0.000	7.470	7.732	7.950
Iron	ug Fe/l	S	52	52	1	1.923	< 0.000	< 19.333	< 217.200
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.950	< 7.330
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	< 0.003	< 0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.054	< 6.200
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
Nickel	ug/l	S	8	8		0	0.000	< 0.750	< 1.631	2.100
Nitrate	mg NO3/l	S	8	8		0	0.000	0.289	1.725	3.754
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.008	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24		0	0.000	< 0.000	< 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	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
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	14.133	17.059	21.084
Sulphate	mg SO4/l	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloromethane	ug/l	AS	24	24		0	0.000	0.000	0.081	0.500
Total - Residual disinfectant	mg Cl/l	S	192	192		0	0.000	< 0.010	< 0.268	0.710
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	2.260	3.174	6.830
Total Trihalomethanes	ug/l	S	36	36	150	0	0.000	22.200	37.079	56.599
Total coliforms	CFU/100ml	S	192	192		3	1.563	0.000	0.021	2.000
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
Tritium	Bq/l	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	52	52		0	0.000	0.110	0.253	0.880
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 = 61780

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 23-FEB-2009 (ZN0401AE) Iron = 217 ug Fe/.
 Sample failed 29-JUN-2009 (ZN0401AE) Total coliforms = 2 CFU/100m.
 Sample failed 12-AUG-2009 (ZN0401AE) Total coliforms = 1 CFU/100m.
 Sample failed 19-AUG-2009 (ZN0401AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.007
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	52	52	2	3.846	11.800	94.581	211.600
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.034
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.368	< 0.490
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 25.252	33.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.525	3.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.016	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	14.133	16.093	20.377
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.315	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	4.269	120.000
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	< 0.280	< 3.110	6.180
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	167.000	211.231	296.000
Copper	mg Cu/l	S	8	8	0	0.000	0.005	0.043	0.156
Cyanide	ug/l	AS	8	8	0	0.000	1.100	2.475	3.700
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	132	132	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.004	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.005	< 0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	< 0.000	< 0.142	1.010
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.990	7.583	8.360
Iron	ug Fe/l	S	52	52	2	3.846	< 0.000	< 61.056	241.700
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 0.780	2.530
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.016	0.077
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.487	13.300
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Metalaxyl	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.520	< 0.920	1.500
Nitrate	S	8	8		0	0.000	0.452	1.208	1.908
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.016	0.077
Phorate	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	9.004	11.373	16.268
Sulphate	AS	8	8		0	0.000	43.897	50.962	68.758
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	132	132		0	0.000	< 0.000	< 0.215	1.190
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	8	8		0	0.000	2.875	3.360	4.137
Total Trihalomethanes	S	8	8		3	37.500	64.360	89.263	116.693
Total coliforms	S	132	132		4	3.030	0.000	0.053	3.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.006	0.015
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.150	0.378	2.270
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43538

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 20-JUL-2009 (ZN0402AE) Aluminium = 212 ug Al/.
 Sample failed 27-AUG-2009 (ZN0402AE) Aluminium = 208 ug Al/.
 Sample failed 04-JUN-2009 (ZN0402AE) Iron = 213 ug Fe/.
 Sample failed 27-AUG-2009 (ZN0402AE) Iron = 242 ug Fe/.
 Sample failed 07-MAY-2009 (ZN0402AE) Total Trihalomethanes = 116.7 ug/l.
 Sample failed 04-JUN-2009 (ZN0402AE) Total Trihalomethanes = 106.7 ug/l.
 Sample failed 20-JUL-2009 (ZN0402AE) Total Trihalomethanes = 103.4 ug/l.
 Sample failed 29-JUN-2009 (ZN0402AE) Total coliforms = 1 CFU/100m.
 Sample failed 09-JUL-2009 (ZN0402AE) Total coliforms = 3 CFU/100m.
 Sample failed 20-JUL-2009 (ZN0402AE) Total coliforms = 2 CFU/100m.
 Sample failed 12-AUG-2009 (ZN0402AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.066	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	14.900	40.717	137.300
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.011	0.049
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.190	< 0.516	< 0.700
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.078	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	8	8	0	0.000	< 0.017	< 0.018	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.970	1.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.016	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	19.300	30.334	81.185
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	S	8	8	0	0.000	< 0.200	< 0.324	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	12.115	217.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	> 7.500	>300.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.018	9.920
Copper	mg Cu/l	S	8	8	0	0.000	< 0.004	< 0.185	0.960
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 0.850	1.400
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	< 0.002	< 0.002
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	< 0.020	< 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	CFU/100ml	S	144	144	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.000	< 0.292	0.950
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.014
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	7.310	7.866	8.480
Iron	ug Fe/l	S	52	52	0	0.000	< 0.000	< 16.131	180.400
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.270	3.400
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	< 0.002	< 0.002
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.485	18.800
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	< 0.200	< 1.283	2.300
Nitrate	S	8	8		0	0.000	0.270	1.848	4.840
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.002
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.318	< 0.460
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	11.685	16.750	20.081
Sulphate	AS	8	8		0	0.000	23.615	79.856	110.259
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.128	< 0.220
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.074	0.270
Total - Residual disinfectant	S	144	144		0	0.000	0.020	0.467	1.240
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.230	2.750	3.280
Total Trihalomethanes	S	24	24	150	0	0.000	22.700	41.395	54.734
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		1	1.923	0.110	0.354	6.360
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 42132

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 27-JUL-2009 (ZN0501AE) Turbidity = 6.4 NTU.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.700	< 44.317	< 159.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.006	0.025
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.331	< 0.590
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 24.752	< 47.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.916	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.021	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	9.178	11.234	13.569
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.958	42.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	1.250	24.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.000	< 1.253	3.220
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	123.000	140.442	153.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.031	0.204
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 2.813	5.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	60	60	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.004	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.005	< 0.024
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.000	< 0.411	1.080
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.810	7.281	7.650
Iron	ug Fe/l	S	24	24	1	4.167	< 0.000	< 55.271	< 220.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.065	< 6.290
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.022	0.095
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 0.829	5.700
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.380	< 0.725	< 0.950
Nitrate	mg NO3/l	S	8	8	0	0.000	0.198	0.526	0.876
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.004	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.005	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	< 0.000	< 0.019	0.095
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	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	4.531	6.948	14.899
Sulphate	mg SO4/l	AS	8	8	0	0.000	35.305	38.618	43.010
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.020	0.504	1.240
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	1.452	2.051	3.205
Total Trihalomethanes	ug/l	S	8	8	1	12.500	30.146	50.569	108.408
Total coliforms	CFU/100ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	24	24	0	0.000	0.120	0.280	0.540
op'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 16078

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 22-SEP-2009 (ZN0502AE) Iron = 221 ug Fe/.

Sample failed 11-SEP-2009 (ZN0502AE) Total Trihalomethanes = 108.4 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 - ZN0503 - Unagh Cookstown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.053	<	0.080
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	<	0.066	<	0.100	
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.003	<	0.003
Aluminium	ug Al/l	S	24	24	1	4.167	<	6.400	<	69.713	<	931.200
Ammonium	mg NH4/l	S	24	24	0	0.000	<	0.000	<	0.007	<	0.020
Antimony	ug/l	S	8	8	0	0.000	<	0.180	<	0.268	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.260	<	0.383	<	0.550
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.010	<	0.010
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.007	<	0.007
Atrazine	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.005
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	<	0.002	<	0.002
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	<	0.078	<	0.100	
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.034	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	24.752	<	47.000
Boron	ug/l	AS	8	8	0	0.000	<	0.017	<	0.018	<	0.020
Bromate	ug/l	S	8	8	0	0.000	<	0.600	<	0.914	<	0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.052	<	0.310
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.008	<	0.009
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	19.300	<	30.334	<	81.185	
Chloride	mg Cl/l	AS	8	8	0	0.000	9.178	<	11.234	<	13.569	
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.004	<	0.004
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.008	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.006
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
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.010
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.279	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	<	0.000	<	0.000	
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	<	0.000	<	0.000	
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	<	0.083	<	1.000	
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	<	0.083	<	1.000	
Colour	mg/l Pt/Co	S	24	24	0	0.000	<	0.000	<	1.145	<	3.960
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	123.000	<	140.442	<	153.000	
Copper	mg Cu/l	S	8	8	0	0.000	<	0.001	<	0.006	<	0.010
Cyanide	ug/l	AS	8	8	0	0.000	<	0.700	<	2.813	<	5.100
Cyanide	ug/l	AS	8	8	0	0.000	<	0.700	<	0.850	<	1.400
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.003	<	0.003
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.006	<	0.006	<	0.006
Diazinon	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.020	<	0.020	<	0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.013	<	0.020
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
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.006	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002

WATER SUPPLY ZONE - ZN0503 - Unagh Cookstown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
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	<	0.005	<	0.007
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.003	<	0.003
E. coli	CFU/100ml	S	48	48	1	2.083	0.000	0.021	1.000			
Endrin	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	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	<	0.004	<	0.004	<	0.004
Fenpropidin	ug/l	AS	8	8	0	0.000	<	0.004	<	0.007	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.005	<	0.024
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.100	<	0.100	<	0.100
Fluroxypyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Fluroxypyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	<	0.010	<	0.496	1.040	
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.009	<	0.014
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.007	<	0.014
Heptachlor	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
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	<	0.000	<	0.001	<	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
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.360	7.635	8.870			
Iron	ug Fe/l	S	24	24	0	0.000	<	0.000	<	35.879	177.800	
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	2.026	7.880	
Linuron	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.005
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.004	<	0.022	0.095	
MCPA	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Manganese	ug Mn/l	S	24	24	0	0.000	<	0.000	<	0.654	3.600	
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.034	<	0.037
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.012	<	0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	<	0.004	<	0.004	<	0.005
Metalaxyl	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.005
Nickel	ug/l	S	8	8	0	0.000	<	0.500	<	0.823	1.100	
Nitrate	mg NO3/l	S	8	8	0	0.000	0.252	0.749	1.405			
Nitrite	mg NO2/l	S	8	8	0	0.000	<	0.000	<	0.004	<	0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000			
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	<	0.000	<	0.001	<	0.004
Pendimethalin	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.005
Pendimethalin	ug/l	AS	8	8	0	0.000	<	0.005	<	0.006	<	0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Pentachlorophenol	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	<	0.000	<	0.019	0.095	
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	<	0.000	<	0.000	<	0.000
Phorate	ug/l	AS	8	8	0	0.000	<	0.009	<	0.009	<	0.009
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
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	<	0.007
Propetamphos	ug/l	AS	8	8	0	0.000	<	0.007	<	0.007	<	0.007
Selenium	ug/l	S	8	8	0	0.000	<	0.220	<	0.299	<	0.310
Simazine	ug/l	AS	8	8	0	0.000	<	0.006	<	0.006	<	0.007

WATER SUPPLY ZONE - ZN0503 - Unagh Cookstown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	6.211	9.060	15.766
Sulphate	AS	8	8		0	0.000	35.305	38.618	43.010
Sulphate	AS	8	8		0	0.000	23.615	79.856	110.259
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.128	< 0.220
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.074	0.270
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	48	48		0	0.000	0.060	0.626	1.140
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.230	2.750	3.280
Total Organic Carbon	AS	8	8		0	0.000	1.452	2.051	3.205
Total Trihalomethanes	S	12	12	150	0	0.000	28.960	42.187	63.116
Total coliforms	S	48	48		1	2.083	0.000	0.021	1.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.008
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.100	0.230	0.510
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 11945

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 05-JAN-2009 (ZN0503AE) Aluminium = 931 ug Al/.

Sample failed 23-OCT-2009 (ZN0503AE) E. coli = 1 CFU/100m.

Sample failed 23-OCT-2009 (ZN0503AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	<	0.066	<	0.100	
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Aldrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.003	<	0.003
Aluminium	ug Al/l	S	24	24	0	0.000	<	0.000	<	38.667	<	128.900
Ammonium	mg NH4/l	S	24	24	0	0.000	<	0.000	<	0.010	<	0.034
Antimony	ug/l	S	8	8	0	0.000	<	0.120	<	0.248	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.250	<	0.350	<	0.530
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.007	<	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	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	<	0.078	<	0.100	
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	ug/l	AS	8	8	0	0.000	<	0.017	<	0.017	<	0.017
Bromate	ug/l	S	8	8	0	0.000	<	0.950	<	3.311	<	8.700
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.022	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	13.400	29.823	65.699			
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	S	8	8	0	0.000	<	0.200	<	0.333	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157	0	0.000	0.000	0.000	0.000			
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	16.833	358.000			
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000			
Colour	mg/l Pt/Co	S	24	24	0	0.000	<	0.000	<	1.478	<	6.630
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.041	<	0.223
Cyanide	ug/l	AS	8	8	0	0.000	<	0.001	<	0.688	<	1.100
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	<	0.002	<	0.002
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	<	0.020	<	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	9	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	CFU/100ml	S	60	60	0	0.000	0.000	0.000	0.000			
Endrin	ug/l	AS	8	8	0	0.000	<	0.002	<	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	<	0.002
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.100	<	0.100	<	0.100
Fluroxyppyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	<	0.010	<	0.237	<	0.720
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.007	<	0.014
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	24	0	0.000	7.080	7.519	7.930			
Iron	ug Fe/l	S	24	24	0	0.000	<	5.500	<	43.692	<	158.600
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	1.626	<	4.260
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	<	0.010	<	0.028
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.014
Manganese	ug Mn/l	S	24	24	0	0.000	<	0.000	<	1.596	<	6.800
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.014
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.012	<	0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	<	0.005	<	0.005	<	0.005

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	< 0.920	< 1.375	1.700
Nitrate	S	8	8		0	0.000	0.175	0.982	1.865
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.012	< 0.039
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	12.147	15.756	23.004
Sulphate	AS	8	8		0	0.000	23.606	60.223	86.700
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.128	< 0.220
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.074	0.270
Total - Residual disinfectant	S	60	60		0	0.000	0.060	0.356	0.950
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.180	2.794	3.650
Total Trihalomethanes	S	8	8		0	0.000	31.030	46.552	75.683
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.120	0.296	0.730
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 18910

This zone has a surface water source :R1701

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0602 - Brishey Limavady East

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	5	0	0.000	< 0.049	< 0.055	< 0.080
2,4-D	ug/l	AS	8	5	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	8	5	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	5	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	< 8.900	< 23.650	48.900
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.000	< 0.002	0.005
Antimony	ug/l	S	4	4	0	0.000	< 0.120	< 0.200	< 0.280
Arsenic	ug/l	S	4	4	0	0.000	< 0.370	< 0.388	< 0.430
Asulam	ug/l	AS	8	5	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	5	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	5	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	5	0	0.000	< 0.030	< 0.036	< 0.060
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	5	0	0.000	< 0.017	< 21.203	< 28.000
Bromate	ug/l	S	4	4	1	25.000	< 0.950	< 5.225	10.100
Bromoxynil	ug/l	AS	8	5	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	4	4	0	0.000	< 0.008	< 0.034	< 0.060
Carbendazim	ug/l	AS	8	5	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	6	0	0.000	14.607	14.927	15.177
Chlormequat	ug/l	AS	8	5	0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	8	5	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	5	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	4	4	0	0.000	< 0.700	< 1.650	2.800
Clopyralid	ug/l	AS	8	5	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	12	10	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	0.500	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	1.000	4.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	< 0.470	< 1.368	2.330
Conductivity	uS/cm 20 C	AS	12	10	0	0.000	179.000	246.100	282.000
Copper	mg Cu/l	S	4	4	0	0.000	< 0.000	< 0.005	0.012
Cyanide	ug/l	AS	8	5	0	0.000	< 0.660	< 1.098	2.800
Cypermethrin	ug/l	AS	8	5	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	5	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	5	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	5	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	8	5	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorprop	ug/l	AS	8	5	0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	8	5	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	5	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	5	0	0.000	< 0.003	< 0.006	< 0.007
E. coli	CFU/100ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	5	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	5	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	5	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	6	0	0.000	< 0.000	< 0.025	0.108
Fluroxyppyr	ug/l	AS	8	5	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.070	0.292	0.420
Glyphosate	ug/l	AS	8	5	0	0.000	0.000	< 0.006	< 0.014
Heptachlor	ug/l	AS	8	5	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	5	0	0.000	< 0.000	< 0.000	< 0.002
Hexachlorobenzene	ug/l	AS	8	5	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	7.730	7.903	8.290
Iron	ug Fe/l	S	4	4	0	0.000	< 3.900	< 25.325	54.500
Isoproturon	ug/l	AS	8	5	0	0.000	< 0.002	< 0.011	< 0.013
Lead	ug Pb/l	S	4	4	0	0.000	< 0.000	< 1.288	4.900
Linuron	ug/l	AS	8	5	0	0.000	< 0.003	< 0.003	< 0.005
MCPA	ug/l	AS	8	5	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	8	5	0	0.000	< 0.002	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	5	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	4	4	0	0.000	< 0.000	< 0.575	2.300
Mecoprop P	ug/l	AS	8	5	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	5	0	0.000	< 0.012	< 0.057	0.160

WATER SUPPLY ZONE - ZN0602 - Brishey Limavady East

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
Metalaxyl	ug/l	AS	8	5	0	0.000	<	0.002	<	0.004	<	0.005
Nickel	ug/l	S	4	4	0	0.000	<	0.120	<	0.623	<	0.900
Nitrate	mg NO3/l	S	4	4	0	0.000	0.553		1.738		2.943	
Nitrite	mg NO2/l	S	4	4	0	0.000	<	0.000	<	0.005	<	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	<	0.000	<	0.000	<	0.000
Pendimethalin	ug/l	AS	8	5	0	0.000	<	0.001	<	0.005	<	0.006
Pentachlorophenol	ug/l	AS	8	5	0	0.000	<	0.002	<	0.002	<	0.002
Pesticides - Total Substances	ug/l	AS	8	5	0	0.000	<	0.000	<	0.001	<	0.007
Phorate	ug/l	AS	8	5	0	0.000	<	0.005	<	0.009	<	0.020
Propazine	ug/l	AS	8	5	0	0.000	<	0.001	<	0.003	<	0.004
Propetamphos	ug/l	AS	8	5	0	0.000	<	0.002	<	0.004	<	0.007
Selenium	ug/l	S	4	4	0	0.000	<	0.220	<	0.265	<	0.310
Simazine	ug/l	AS	8	5	0	0.000	<	0.002	<	0.005	<	0.007
Sodium	mg Na/l	S	4	4	0	0.000	8.790		14.265		19.748	
Sulphate	mg SO4/l	AS	8	6	0	0.000	3.303		4.206		6.546	
Taste	Diln No	S	4	4	0	0.000	0.000		0.000		0.000	
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	5	0	0.000	<	0.000	<	0.000	<	0.000
Tetrachloromethane	ug/l	AS	8	5	0	0.000	<	0.018	<	0.063	<	0.074
Total - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.160		0.400		0.540	
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	7	0	0.000	0.577		1.005		1.742	
Total Trihalomethanes	ug/l	S	4	4	0	0.000	12.900		34.143		64.260	
Total coliforms	CFU/100ml	S	12	12	0	0.000	0.000		0.000		0.000	
Triclopyr	ug/l	AS	8	5	0	0.000	<	0.003	<	0.004	<	0.005
Trifluralin	ug/l	AS	8	5	0	0.000	<	0.002	<	0.006	<	0.008
Tritium	Bq/l	AS	1	1	0	0.000	<	4.000	<	4.000	<	4.000
Turbidity	NTU	S	4	4	0	0.000	0.130		0.228		0.270	
op'-DDT	ug/l	AS	8	5	0	0.000	<	0.002	<	0.005	<	0.006
pp'-DDT	ug/l	AS	8	5	0	0.000	<	0.002	<	0.005	<	0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 2584

This zone has a surface water source :R4326

PCV Exceedances:

Sample failed 05-OCT-2009 (ZN0602AE) Bromate = 10.1000 ug.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.061	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.011	0.035
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	< 9.600	< 80.744	202.200
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.009	0.050
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.200	< 0.325	< 0.370
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.041	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 16.756	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 3.743	7.800
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	18.726	23.430	28.740
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.388	1.200
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
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	36	36	0	0.000	0.000	0.028	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	3.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.327	2.730
Conductivity	uS/cm 20 C	AS	104	103	0	0.000	196.000	248.699	309.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.010	0.024
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 2.600	5.300
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.016	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	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	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.009	< 0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.020	0.254	0.780
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.250	7.783	9.120
Iron	ug Fe/l	S	36	36	0	0.000	< 3.500	< 29.175	188.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 3.019	12.900
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.014	0.036
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.012
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 2.069	19.700
Mecoprop P	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.012
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.028	< 0.037

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
								Auth	Dep	ing
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8		0	0.000	< 0.140	< 0.936	1.400
Nitrate	mg NO3/l	S	8	8		0	0.000	0.128	1.534	5.869
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.000	< 0.026	0.070
Phorate	ug/l	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8		0	0.000	14.251	16.406	19.965
Sulphate	mg SO4/l	AS	8	8		0	0.000	33.849	41.855	50.660
Taste	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.000	< 0.011	< 0.090
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.018	< 0.056	< 0.074
Total - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.060	0.382	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	1.916	2.350	2.978
Total Trihalomethanes	ug/l	S	8	8		1	12.500	39.830	68.345	134.193
Total coliforms	CFU/100ml	S	120	120		1	0.833	0.000	0.017	2.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	Bq/l	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	36	36		0	0.000	0.100	0.286	0.980
op'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	ug/l	AS	8	8		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 = 41928

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 14-SEP-2009 (ZN0603AE) Aluminium = 202 ug Al/
 Sample failed 01-SEP-2009 (ZN0603AE) Total Trihalomethanes = 134.2 ug/l.
 Sample failed 29-SEP-2009 (ZN0603AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	< 0.000	< 47.683	137.500
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.033
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.180	< 0.320	< 0.470
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 19.377	< 28.000
Bromate	ug/l	S	8	8	0	0.000	5.700	7.525	10.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.024	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	0.003	< 0.009	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	24.354	27.725	31.992
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.325	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	104	104	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	3.635	144.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	1.000	51.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.030	< 1.237	5.100
Conductivity	uS/cm 20 C	AS	104	104	0	0.000	185.000	232.769	295.000
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	0.800	1.524	2.200
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	144	144	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.023	0.133
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.010	< 0.216	0.670
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 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	< 0.000	< 0.000	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.960	7.548	9.120
Iron	ug Fe/l	S	52	52	0	0.000	< 0.000	< 43.748	158.400
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 0.908	2.830
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 2.638	32.100
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.500	< 0.778	< 0.970
Nitrate	S	8	8		0	0.000	0.346	0.648	0.928
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.001	< 0.006
Phorate	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	15.210	18.361	22.403
Sulphate	AS	8	8		0	0.000	46.022	70.033	91.299
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	144	144		0	0.000	0.020	0.311	0.860
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.470	2.085	2.633
Total Trihalomethanes	S	8	8		0	0.000	41.094	59.440	90.877
Total coliforms	S	144	144		1	0.694	0.000	0.007	1.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		0	0.000	0.130	0.262	0.780
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 49599

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 28-SEP-2009 (ZN0604AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	16	16	0	0.000	< 0.002	< 0.008	0.035
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	2	5.556	< 0.000	< 74.356	413.300
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.013	0.057
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.220	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.230	< 0.319	< 0.370
Asulam	ug/l	AS	16	16	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.030	< 0.038	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	16	16	0	0.000	< 0.017	< 18.067	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 4.631	7.700
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.028	< 0.060
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	16	16	0	0.000	18.726	25.578	31.992
Chlormequat	ug/l	AS	16	16	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.388	< 0.700
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	208	207	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.194	7.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.336	5.260
Conductivity	uS/cm 20 C	AS	208	207	0	0.000	185.000	240.696	309.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.002	0.006
Cyanide	ug/l	AS	16	16	0	0.000	< 0.700	< 2.062	5.300
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.006	< 0.015	< 0.020
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	84	84	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	16	16	0	0.000	< 0.000	< 0.016	0.133
Fluroxyppyr	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	< 0.010	< 0.199	0.730
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.002	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.950	7.627	9.120
Iron	ug Fe/l	S	36	36	1	2.778	< 6.600	< 78.903	1397.10
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 0.600	1.630
Linuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	16	16	0	0.000	< 0.002	< 0.009	0.036
MCPB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.012
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 2.903	18.500
Mecoprop P	ug/l	AS	16	16	0	0.000	0.000	< 0.006	< 0.012
Mercury	ug/l	AS	16	16	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZN0605 - Creggan Derry

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Metalaxyl	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.034	< 0.728	< 0.970
Nitrate	S	8	8		0	0.000	0.483	1.654	5.612
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	16	16		0	0.000	< 0.000	< 0.013	0.070
Phorate	AS	16	16		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.276	< 0.310
Simazine	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	11.416	15.876	18.907
Sulphate	AS	16	16		0	0.000	33.849	55.944	91.299
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	16	16		0	0.000	< 0.000	< 0.006	< 0.090
Tetrachloromethane	AS	16	16		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	84	84		0	0.000	0.080	0.291	0.850
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	16	16		0	0.000	1.470	2.218	2.978
Total Trihalomethanes	S	8	8		0	0.000	42.960	69.849	96.703
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	2	2		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.120	0.289	0.880
op'-DDT	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24237

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 01-SEP-2009 (ZN0605AE) Aluminium = 250 ug Al/.
 Sample failed 21-SEP-2009 (ZN0605AE) Aluminium = 413 ug Al/.
 Sample failed 21-SEP-2009 (ZN0605AE) Iron = 1397 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 - ZN0606 - Stradreagh Aghanloo

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	4	0	0.000	< 0.049	< 0.049	< 0.049
2,4-D	ug/l	AS	8	4	0	0.000	< 0.005	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	4	0	0.000	< 0.003	< 0.003	< 0.003
Aldrin	ug/l	AS	8	4	0	0.000	< 0.001	< 0.001	< 0.001
Aluminium	ug Al/l	S	4	4	0	0.000	< 0.000	< 34.900	93.300
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.000	< 0.008	0.014
Antimony	ug/l	S	4	4	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	4	4	0	0.000	< 0.170	< 0.528	< 0.930
Asulam	ug/l	AS	8	4	0	0.000	< 0.010	< 0.010	< 0.010
Atrazine	ug/l	AS	8	4	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	4	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	4	0	0.000	< 0.030	< 0.030	< 0.030
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	4	0	0.000	< 26.000	< 26.500	< 28.000
Bromate	ug/l	S	4	4	0	0.000	< 0.600	< 2.650	8.100
Bromoxynil	ug/l	AS	8	4	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	4	4	0	0.000	< 0.008	< 0.025	< 0.060
Carbendazim	ug/l	AS	8	4	0	0.000	< 0.009	< 0.009	< 0.009
Chloride	mg Cl/l	AS	8	4	0	0.000	20.837	21.154	21.454
Chlormequat	ug/l	AS	8	4	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	8	4	0	0.000	< 0.004	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	4	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	4	4	0	0.000	< 0.200	< 0.793	2.000
Clopyralid	ug/l	AS	8	4	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	12	6	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	18.500	74.000
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	< 0.240	< 2.288	5.100
Conductivity	uS/cm 20 C	AS	12	6	0	0.000	273.000	305.333	318.000
Copper	mg Cu/l	S	4	4	0	0.000	0.008	0.033	0.057
Cyanide	ug/l	AS	8	4	0	0.000	< 0.660	< 1.158	2.200
Cypermethrin	ug/l	AS	8	4	0	0.000	< 0.003	< 0.003	< 0.003
Diazinon	ug/l	AS	8	4	0	0.000	< 0.002	< 0.004	< 0.005
Dicamba	ug/l	AS	8	4	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	4	0	0.000	< 0.004	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	4	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorprop	ug/l	AS	8	4	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	4	0	0.000	< 0.002	< 0.005	< 0.006
Dieldrin	ug/l	AS	8	4	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	4	0	0.000	< 0.007	< 0.007	< 0.007
E. coli	CFU/100ml	S	12	12	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	4	0	0.000	< 0.004	< 0.005	< 0.006
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	4	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	4	0	0.000	< 0.003	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	4	0	0.000	< 0.000	< 0.015	0.036
Fluroxypyr	ug/l	AS	8	4	0	0.000	< 0.005	< 0.005	< 0.005
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.020	0.242	0.970
Glyphosate	ug/l	AS	8	4	0	0.000	0.000	< 0.005	< 0.006
Heptachlor	ug/l	AS	8	4	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	4	0	0.000	< 0.000	< 0.000	< 0.000
Hexachlorobenzene	ug/l	AS	8	4	0	0.000	< 0.003	< 0.005	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	6.800	7.798	9.120
Iron	ug Fe/l	S	4	4	0	0.000	< 1.200	< 60.125	122.600
Isoproturon	ug/l	AS	8	4	0	0.000	< 0.013	< 0.013	< 0.013
Lead	ug Pb/l	S	4	4	0	0.000	0.500	4.115	13.260
Linuron	ug/l	AS	8	4	0	0.000	< 0.003	< 0.003	0.006
MCPA	ug/l	AS	8	4	0	0.000	< 0.004	< 0.004	< 0.004
MCPB	ug/l	AS	8	4	0	0.000	< 0.004	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	4	0	0.000	< 0.006	< 0.006	< 0.006
Manganese	ug Mn/l	S	4	4	0	0.000	< 0.000	< 9.850	27.700
Mecoprop P	ug/l	AS	8	4	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug/l	AS	8	4	0	0.000	< 0.037	< 0.037	< 0.037

WATER SUPPLY ZONE - ZN0606 - Stradreagh Aghanloo

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	AS	8	4	ug/l	0	0.000	< 0.002	< 0.004	< 0.004
Nickel	S	4	4	ug/l	0	0.000	< 0.750	< 1.098	1.400
Nitrate	S	4	4	mg NO3/l	0	0.000	0.098	2.871	9.991
Nitrite	S	4	4	mg NO2/l	0	0.000	< 0.000	< 0.008	< 0.010
Odour	S	4	4	Diln No	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	4	4	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	4	ug/l	0	0.000	< 0.001	< 0.004	< 0.006
Pentachlorophenol	AS	8	4	ug/l	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	4	ug/l	0	0.000	< 0.000	< 0.001	< 0.006
Phorate	AS	8	4	ug/l	0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	4	ug/l	0	0.000	< 0.001	< 0.003	< 0.004
Propetamphos	AS	8	4	ug/l	0	0.000	< 0.002	< 0.003	< 0.004
Selenium	S	4	4	ug/l	0	0.000	< 0.220	< 0.338	< 0.510
Simazine	AS	8	4	ug/l	0	0.000	< 0.002	< 0.005	< 0.006
Sodium	S	4	4	mg Na/l	0	0.000	13.245	15.686	19.026
Sulphate	AS	8	4	mg SO4/l	0	0.000	6.457	6.913	7.214
Taste	S	4	4	Diln No	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	4	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	4	ug/l	0	0.000	< 0.074	< 0.074	< 0.074
Total - Residual disinfectant	S	12	12	mg Cl/l	0	0.000	0.050	0.348	1.270
Total Indicative Dose	AS	1	1	mSv/year	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	4	mg C/l	0	0.000	0.652	0.858	1.160
Total Trihalomethanes	S	4	4	ug/l	0	0.000	6.090	51.270	89.736
Total coliforms	S	12	12	CFU/100ml	0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	4	ug/l	0	0.000	< 0.005	< 0.005	< 0.005
Trifluralin	AS	8	4	ug/l	0	0.000	< 0.004	< 0.007	< 0.008
Tritium	AS	1	1	Bq/l	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	4	4	NTU	0	0.000	0.220	0.423	0.800
op'-DDT	AS	8	4	ug/l	0	0.000	< 0.005	< 0.006	< 0.006
pp'-DDT	AS	8	4	ug/l	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 = 2214

This zone has a surface water source :R4324

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0701 - Derg Strabane

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.700	< 27.692	189.900
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.011	0.053
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.300	< 0.453	< 0.710
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 22.752	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.993	3.100
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	17.125	21.342	28.785
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.295	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.028	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.111	40.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.269	5.600
Conductivity	uS/cm 20 C	AS	52	51	0	0.000	169.000	210.490	316.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.006	0.030
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 3.338	6.500
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.004	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.014	0.088
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.010	< 0.318	0.870
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.210	7.601	9.120
Iron	ug Fe/l	S	36	36	1	2.778	< 0.000	< 24.831	497.400
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.058	6.930
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	9	1	11.111	< 0.002	< 0.044	0.250
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.012	0.041
Manganese	ug Mn/l	S	36	36	1	2.778	< 0.000	< 7.172	243.300
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.012	< 0.041
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0701 - Derg Strabane

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.034	< 0.717	2.500
Nitrate	S	8	8		0	0.000	1.605	3.130	4.542
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.006	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.070	0.304
Phorate	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	10.273	12.583	19.662
Sulphate	AS	8	8		0	0.000	28.947	41.632	56.653
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	108	108		0	0.000	0.070	0.432	1.020
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.849	2.328	2.689
Total Trihalomethanes	S	8	8		1	12.500	31.511	57.082	111.845
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.006	0.013
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		1	2.778	0.100	0.293	4.620
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35066

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 05-JAN-2009 (ZN0701AE) Iron = 497 ug Fe/.
 Sample failed 22-JUN-2009 (W4501OUT) MCPA = 0.2500 ug/.
 Sample failed 05-JAN-2009 (ZN0701AE) Manganese = 243 ug Mn/.
 Sample failed 20-JUL-2009 (ZN0701AE) Total Trihalomethanes = 111.8 ug/l.
 Sample failed 05-JAN-2009 (ZN0701AE) Turbidity = 4.6 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	16.300	48.833	125.600
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.007	0.028
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	0.320	< 0.469	< 0.870
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 20.977	31.000
Bromate	ug/l	S	8	8	0	0.000	1.200	3.325	4.600
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.000	< 0.007	< 0.008
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	14.036	16.768	20.200
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.060	< 0.265	< 0.860
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	16.042	242.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	11.208	267.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.220	< 2.118	5.060
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	115.000	148.556	228.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.007	0.015
Cyanide	ug/l	AS	8	8	0	0.000	< 0.660	< 1.670	2.900
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	0.012
E. coli	CFU/100ml	S	36	36	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.082	0.556
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.030	0.263	0.900
Glyphosate	ug/l	AS	8	9	0	0.000	0.000	< 0.008	< 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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.120	7.769	8.460
Iron	ug Fe/l	S	24	24	0	0.000	< 0.000	< 4.692	24.900
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.230	4.060
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.011
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 0.875	4.400
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		1	12.500	< 0.150	< 9.009	68.000
Nitrate	S	8	8		0	0.000	0.199	0.754	1.913
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.004	< 0.012
Phorate	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	8.979	15.418	48.645
Sulphate	AS	8	8		0	0.000	18.873	30.920	53.008
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	36	36		0	0.000	0.090	0.361	0.960
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.635	2.356	3.456
Total Trihalomethanes	S	8	8		0	0.000	23.560	44.829	83.760
Total coliforms	S	36	36		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.110	0.201	0.570
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9437

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 08-JUN-2009 (ZN0702AE) Nickel = 68.00 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 - ZN0703 - Lenamore Greencastle

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.053	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.003
Aluminium	ug Al/l	S	4	4	0	0.000	<	9.700	<	20.625	<	46.900
Ammonium	mg NH4/l	S	4	4	0	0.000	<	0.000	<	0.005	<	0.010
Antimony	ug/l	S	4	4	0	0.000	<	0.280	<	0.280	<	0.280
Arsenic	ug/l	S	4	4	0	0.000	<	0.460	<	0.498	<	0.570
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.010	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.034	<	0.060
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	22.252	<	32.000
Bromate	ug/l	S	4	4	0	0.000	<	0.950	<	1.713	<	2.100
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	4	4	0	0.000	<	0.020	<	0.026	<	0.031
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.008	<	0.009
Chloride	mg Cl/l	AS	8	7	0	0.000		17.827		21.135		23.922
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.008	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.007	<	0.020
Chromium	ug/l	S	4	4	0	0.000	<	0.200	<	0.233	<	0.330
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	12	11	0	0.000	<	0.000	<	0.000	<	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	<	0.000	<	0.250	<	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	<	0.000	<	0.000	<	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	<	0.000	<	0.765	<	1.310
Conductivity	uS/cm 20 C	AS	12	11	0	0.000	<	95.000	<	119.727	<	134.000
Copper	mg Cu/l	S	4	4	0	0.000	<	0.000	<	0.009	<	0.025
Cyanide	ug/l	AS	8	8	0	0.000	<	0.660	<	0.873	<	1.500
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.013	<	0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.006
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	12	12	0	0.000	<	0.000	<	0.000	<	0.000
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Enterococci	No./100ml	S	4	4	0	0.000	<	0.000	<	0.000	<	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Fluoride	mg F/l	AS	8	7	0	0.000	<	0.000	<	0.016	<	0.044
Fluroxyppyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	<	0.170	<	0.499	<	0.840
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.008	<	0.014
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	<	0.000	<	0.000	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	<	7.200	<	7.588	<	8.250
Iron	ug Fe/l	S	4	4	0	0.000	<	6.600	<	17.475	<	28.900
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	4	4	0	0.000	<	0.000	<	3.368	<	10.860
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.004
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Manganese	ug Mn/l	S	4	4	0	0.000	<	0.000	<	0.700	<	2.200
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.039	<	0.074

WATER SUPPLY ZONE - ZN0703 - Lenamore Greencastle

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	4	4		0	0.000	< 0.600	< 0.795	< 0.910
Nitrate	mg NO3/l	S	4	4		0	0.000	1.324	1.558	1.864
Nitrite	mg NO2/l	S	4	4		0	0.000	< 0.000	< 0.008	< 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	< 0.000	< 0.000	< 0.002
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	ug/l	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	4	4		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	mg Na/l	S	4	4		0	0.000	11.782	17.404	21.286
Sulphate	mg SO4/l	AS	8	7		0	0.000	2.225	2.970	4.499
Taste	Diln No	S	4	4		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.030	< 0.069	< 0.074
Total - Residual disinfectant	mg Cl/l	S	12	12		0	0.000	0.270	0.635	0.900
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	7		0	0.000	0.437	0.525	0.616
Total Trihalomethanes	ug/l	S	4	4		0	0.000	3.427	24.191	68.574
Total coliforms	CFU/100ml	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	Bq/l	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	4	4		0	0.000	0.068	0.190	0.280
op'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 963

This zone has a surface water source :R4542

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	AS	8	8		0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	AS	8	8		0	0.000	< 0.002	< 0.010	< 0.049
2,4-DB	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	S	24	24		1	4.167	< 8.300	< 63.546	263.200
Ammonium	S	24	24		0	0.000	< 0.000	< 0.007	0.022
Antimony	S	8	8		0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	S	8	8		0	0.000	< 0.170	< 0.270	< 0.390
Asulam	AS	8	8		0	0.000	< 0.005	< 0.009	< 0.010
Atrazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Benzene	AS	8	8		0	0.000	< 0.030	< 0.038	< 0.060
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	AS	8	8		0	0.000	< 0.017	< 18.379	28.000
Bromate	S	8	8		0	0.000	1.200	2.913	5.400
Bromoxynil	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.039	< 0.200
Carbendazim	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.009
Chloride	AS	8	7		0	0.000	15.807	19.564	22.593
Chlormequat	AS	8	8		0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	AS	36	35		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	0.000	0.000
Colour	S	24	24		0	0.000	0.650	1.672	2.830
Conductivity	AS	36	35		0	0.000	202.000	253.943	303.000
Copper	S	8	8		0	0.000	< 0.000	< 0.008	0.033
Cyanide	AS	8	8		0	0.000	< 0.700	< 1.376	2.600
Cypermethrin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	8	8		0	0.000	< 0.006	< 0.015	< 0.020
Dichlorprop	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.002
Diuron	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.007
E. coli	S	72	72		0	0.000	0.000	0.000	0.000
Endrin	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Fenpropidin	AS	8	8		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	AS	8	7		0	0.000	< 0.000	< 0.008	< 0.024
Fluroxyppyr	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	S	72	72		0	0.000	< 0.000	< 0.213	1.040
Glyphosate	AS	8	8		0	0.000	< 0.006	< 0.009	< 0.014
Heptachlor	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	AS	8	8		0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	S	24	24		0	0.000	7.350	7.730	8.060
Iron	S	24	24		1	4.167	< 0.000	< 53.963	588.700
Isoproturon	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.013
Lead	S	8	8		0	0.000	< 0.000	< 1.766	3.260
Linuron	AS	8	8		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
MCPB	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	S	24	24		0	0.000	< 0.000	< 4.204	42.800
Mecoprop P	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	AS	8	8		0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.330	< 0.885	1.800
Nitrate	S	8	8		0	0.000	0.346	1.207	3.311
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.008	< 0.050
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	11.338	39.263	55.308
Sulphate	AS	8	7		0	0.000	52.007	58.450	69.544
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.053	< 0.420
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	72	72		0	0.000	0.040	0.307	1.220
Total Indicative Dose	AS	1	1		0	0.000	0.000	0.000	0.000
Total Organic Carbon	AS	8	7		0	0.000	2.401	3.107	3.634
Total Trihalomethanes	S	12	12	150	0	0.000	26.930	73.602	120.299
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	24	24		0	0.000	0.110	0.288	2.010
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19573

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 16-FEB-2009 (ZN0704AE) Aluminium = 263 ug Al/.

Sample failed 16-FEB-2009 (ZN0704AE) Iron = 589 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.000	< 21.475	62.900
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.007	0.020
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.240	< 0.385	< 0.480
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 19.802	31.000
Bromate	ug/l	S	8	8	0	0.000	1.100	2.088	3.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.028	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	12.337	14.688	15.807
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.394	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.083	21.000
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	< 0.000	< 1.058	1.860
Conductivity	uS/cm 20 C	AS	52	51	0	0.000	136.000	144.510	160.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.009	0.025
Cyanide	ug/l	AS	8	8	0	0.000	< 0.660	< 1.520	2.600
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	48	48	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.009	0.024
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	< 0.010	< 0.326	0.690
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.000	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.460	7.860	8.720
Iron	ug Fe/l	S	24	24	0	0.000	< 0.000	< 7.738	42.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.265	4.920
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 0.333	4.300
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.044	0.120

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.180	< 0.705	1.600
Nitrate	S	8	8		0	0.000	0.824	2.128	2.783
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	24	24		1	4.167	0.000	0.333	8.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	7.881	10.018	16.237
Sulphate	AS	8	8		0	0.000	20.176	25.254	31.694
Taste	S	24	24		1	4.167	0.000	> 0.125	> 3.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.067	< 0.074
Total - Residual disinfectant	S	48	48		0	0.000	0.020	0.439	0.870
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.431	1.842	2.220
Total Trihalomethanes	S	8	8		0	0.000	23.942	37.829	52.510
Total coliforms	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.100	0.175	0.350
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9241

This zone has a surface water source :R4523

PCV Exceedances:

Sample failed 30-NOV-2009 (ZN0705AE) Odour = 8 Diln No.
Sample failed 30-NOV-2009 (ZN0705AE) Taste = >3 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)					
							Auth Dep	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	16	16	0	0.000	<	0.049	<	0.055	<	0.080
2,4-D	ug/l	AS	16	16	0	0.000	<	0.002	<	0.007	<	0.049
2,4-DB	ug/l	AS	16	16	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	16	16	0	0.000	<	0.001	<	0.002	<	0.003
Aluminium	ug Al/l	S	24	24	0	0.000	<	0.000	<	23.958	93.200	
Ammonium	mg NH4/l	S	24	24	0	0.000	<	0.000	<	0.009	0.037	
Antimony	ug/l	S	8	8	0	0.000	<	0.120	<	0.220	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.250	<	0.338	<	0.390
Asulam	ug/l	AS	16	16	0	0.000	<	0.005	<	0.009	<	0.010
Atrazine	ug/l	AS	16	16	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	16	16	0	0.000	<	0.002	<	0.002	<	0.003
Benzene	ug/l	AS	16	16	0	0.000	<	0.030	<	0.036	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	16	16	0	0.000	<	0.017	<	19.091	31.000	
Bromate	ug/l	S	8	8	0	0.000	1.000		2.225		3.400	
Bromoxynil	ug/l	AS	16	16	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.048	<	0.220
Carbendazim	ug/l	AS	16	16	0	0.000	<	0.002	<	0.008	<	0.009
Chloride	mg Cl/l	AS	16	15	0	0.000	12.337		16.964		22.593	
Chlormequat	ug/l	AS	16	16	0	0.000	<	0.003	<	0.007	<	0.009
Chlorothalonil	ug/l	AS	16	16	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	16	16	0	0.000	<	0.005	<	0.008	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.388	<	0.700
Clopyralid	ug/l	AS	16	16	0	0.000	<	0.001	<	0.006	<	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	88	87	0	0.000	0.000		0.000		0.000	
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000		6.792		162.000	
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	<	0.000	<	1.470	3.110	
Conductivity	uS/cm 20 C	AS	88	86	0	0.000	136.000		189.047		303.000	
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.007	0.029	
Cyanide	ug/l	AS	16	16	0	0.000	<	0.660	<	1.448	2.600	
Cypermethrin	ug/l	AS	16	16	0	0.000	<	0.003	<	0.005	<	0.008
Diazinon	ug/l	AS	16	16	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	16	16	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	<	0.001	<	0.005	<	0.007
Dichlorophen	ug/l	AS	16	16	0	0.000	<	0.006	<	0.014	<	0.020
Dichlorprop	ug/l	AS	16	16	0	0.000	<	0.002	<	0.002	<	0.003
Dichlorvos	ug/l	AS	16	16	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	16	16	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	16	16	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	60	60	0	0.000	0.000		0.000		0.000	
Endrin	ug/l	AS	16	16	0	0.000	<	0.003	<	0.005	<	0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000		0.000		0.000	
Fenpropidin	ug/l	AS	16	16	0	0.000	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	16	16	0	0.000	<	0.002	<	0.005	<	0.006
Fluoride	mg F/l	AS	16	15	0	0.000	<	0.000	<	0.009	<	0.024
Fluroxyppyr	ug/l	AS	16	16	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	<	0.010	<	0.282	0.770	
Glyphosate	ug/l	AS	16	16	0	0.000	<	0.006	<	0.009	<	0.014
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	<	0.000	<	0.001	<	0.002
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	<	0.002	<	0.004	<	0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	6.500		7.884		9.120	
Iron	ug Fe/l	S	24	24	0	0.000	<	0.000	<	10.146	60.200	
Isoproturon	ug/l	AS	16	16	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	0.711	2.670	
Linuron	ug/l	AS	16	16	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	16	16	0	0.000	<	0.002	<	0.003	<	0.004
MCPB	ug/l	AS	16	16	0	0.000	<	0.002	<	0.004	<	0.004
MCCP (Mecoprop)	ug/l	AS	16	16	0	0.000	<	0.002	<	0.005	<	0.006
Manganese	ug Mn/l	S	24	24	0	0.000	<	0.000	<	0.571	3.200	
Mecoprop P	ug/l	AS	16	16	0	0.000	<	0.002	<	0.005	<	0.006
Mercury	ug/l	AS	16	16	0	0.000	<	0.012	<	0.038	0.120	

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.150	< 0.558	1.400
Nitrate	mg NO3/l	S	8	8	0	0.000	0.624	1.765	2.774
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.002
Pendimethalin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	16	16	0	0.000	< 0.000	< 0.004	< 0.050
Phorate	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	< 0.020
Propazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.276	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	8.429	9.853	11.514
Sulphate	mg SO4/l	AS	16	15	0	0.000	20.176	40.745	69.544
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	< 0.000	< 0.026	< 0.420
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.018	< 0.065	< 0.074
Total - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.040	0.378	0.880
Total Indicative Dose	mSv/year	AS	2	2	0	0.000	0.000	< 0.050	< 0.100
Total Organic Carbon	mg C/l	AS	16	15	0	0.000	1.431	2.433	3.634
Total Trihalomethanes	ug/l	S	12	12	150	0.000	20.969	41.437	63.510
Total coliforms	CFU/100ml	S	60	60	0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.008
Tritium	Bq/l	AS	2	2	0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	NTU	S	24	24	0	0.000	0.112	0.247	0.780
op'-DDT	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19898

This zone has a surface water source :R4513

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.057	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.003
Aluminium	ug Al/l	S	12	12	0	0.000	<	4.200	<	19.308		33.400
Ammonium	mg NH4/l	S	12	12	0	0.000	<	0.000	<	0.007		0.019
Antimony	ug/l	S	8	8	0	0.000	<	0.120	<	0.260	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.300	<	0.399	<	0.610
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.009	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.038	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	18.629		28.000
Bromate	ug/l	S	8	8	0	0.000	<	0.600	<	1.123		2.200
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.015	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	16.637	19.172	21.164			
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.003	<	0.007	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.008	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.263	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	3.833	37.000			
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	0.970	1.312	1.640			
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	260.000	298.375	319.000			
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.004	<	0.020
Cyanide	ug/l	AS	8	8	0	0.000	<	0.660	<	1.466	<	3.200
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.004	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.015	<	0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	<	0.002	<	0.016	<	0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	24	24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.007	<	0.024
Fluoroxypyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.060	0.400	0.790			
Glyphosate	ug/l	AS	8	8	0	0.000	0.000	<	0.007	<	<	0.014
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	<	0.000	<	0.001	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Hydrogen Ion	pH value	S	12	12	0	0.000	7.460	7.854	9.120			
Iron	ug Fe/l	S	12	12	0	0.000	<	0.000	<	3.750	<	20.000
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	0.524	<	2.180
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	0.018	0.049	0.074			
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	0.008	0.010	0.012			
Manganese	ug Mn/l	S	12	12	0	0.000	<	0.000	<	0.167	<	1.800
Mecoprop P	ug/l	AS	8	8	0	0.000	0.008	<	0.010	<	<	0.012
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.031	<	0.037

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	AS	8	8	ug/l	0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8	ug/l	0	0.000	< 0.880	< 1.498	2.300
Nitrate	S	8	8	mg NO3/l	0	0.000	1.850	2.245	2.950
Nitrite	S	8	8	mg NO2/l	0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	12	12	Diln No	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8	ug/l	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8	ug/l	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8	ug/l	0	0.000	< 0.007	< 0.059	0.094
Phorate	AS	8	8	ug/l	0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8	ug/l	0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8	ug/l	0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8	ug/l	0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8	ug/l	0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8	mg Na/l	0	0.000	24.743	26.679	27.909
Sulphate	AS	8	8	mg SO4/l	0	0.000	58.406	66.387	71.521
Taste	S	12	12	Diln No	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8	ug/l	0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	24	24	mg Cl/l	0	0.000	0.140	0.535	0.890
Total Indicative Dose	AS	1	1	mSv/year	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8	mg C/l	0	0.000	2.475	2.846	3.268
Total Trihalomethanes	S	8	8	ug/l	0	0.000	47.354	54.747	65.989
Total coliforms	S	24	24	CFU/100ml	0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8	ug/l	0	0.000	< 0.003	< 0.005	0.010
Trifluralin	AS	8	9	ug/l	0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1	Bq/l	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	12	12	NTU	0	0.000	0.110	0.173	0.390
op'-DDT	AS	8	8	ug/l	0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8	ug/l	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 3964

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.057	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.003
Aluminium	ug Al/l	S	76	76	0	0.000	<	9.400	<	49.939	127.300	
Ammonium	mg NH4/l	S	76	76	0	0.000	<	0.000	<	0.008	0.045	
Antimony	ug/l	S	8	8	0	0.000	<	0.000	<	0.205	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.370	<	0.515	<	0.780
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.009	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.038	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	7	0	0.000	<	0.017	<	18.433	35.000	
Bromate	ug/l	S	8	8	0	0.000	2.100	3.963	6.000			
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.024	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	19.553	22.473	25.775			
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.007	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.008	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.421	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
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	76	76	0	0.000	0.000	0.776	18.000			
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.671	16.000			
Colour	mg/l Pt/Co	S	76	76	0	0.000	<	0.100	<	0.886	2.310	
Conductivity	uS/cm 20 C	AS	104	103	0	0.000	289.000	396.738	456.000			
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.006	0.026	
Cyanide	ug/l	AS	8	8	0	0.000	<	0.660	<	1.458	4.400	
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.004	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.015	<	0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	216	216	0	0.000	0.000	0.000	0.000			
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	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	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.074	0.188	
Fluroxyppyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	216	216	0	0.000	<	0.000	<	0.293	0.950	
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.009	<	0.014
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	<	0.000	<	0.001	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Hydrogen Ion	pH value	S	76	76	0	0.000	7.150	7.614	7.880			
Iron	ug Fe/l	S	76	76	0	0.000	<	0.000	<	13.109	63.400	
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	0.746	2.000	
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.004	<	0.041	0.079	
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	<	0.007	0.014	
Manganese	ug Mn/l	S	76	76	0	0.000	<	0.000	<	2.567	16.600	
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.014
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.031	<	0.037

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8		0	0.000	1.400	1.938	2.700
Nitrate	mg NO3/l	S	8	8		0	0.000	0.874	1.752	3.542
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	Diln No	S	76	76		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.000	< 0.058	0.089
Phorate	ug/l	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	mg Na/l	S	8	8		0	0.000	12.802	15.344	18.087
Sulphate	mg SO4/l	AS	8	8		0	0.000	92.007	109.423	118.068
Taste	Diln No	S	76	76		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.018	< 0.060	< 0.074
Total - Residual disinfectant	mg Cl/l	S	216	216		0	0.000	0.050	0.461	1.120
Total Indicative Dose	mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	AS	8	8		0	0.000	2.427	3.093	3.615
Total Trihalomethanes	ug/l	S	8	8		0	0.000	16.089	48.215	68.617
Total coliforms	CFU/100ml	S	216	216		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.015	0.037
Trifluralin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	Bq/l	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	76	76		0	0.000	0.130	0.263	0.770
op'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63461

This zone has a surface water source :R4701

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 - ZN0901 - Altmore Cabragh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.049	< 0.061	< 0.080
2,4-D	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	0.037
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	4	4	0	0.000	10.700	24.425	34.600
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.000	< 0.011	0.025
Antimony	ug/l	S	4	4	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	4	4	0	0.000	< 0.370	< 0.533	< 0.690
Asulam	ug/l	AS	16	16	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.030	< 0.044	0.080
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	16	16	0	0.000	< 0.017	< 19.694	56.000
Bromate	ug/l	S	4	4	0	0.000	< 0.600	< 1.105	1.900
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.006
Cadmium	ug/l	S	4	4	0	0.000	< 0.008	< 0.024	< 0.060
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	16	16	0	0.000	13.220	16.890	19.408
Chlormequat	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.009
Chlorothalonil	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	4	4	0	0.000	< 0.200	< 0.325	< 0.700
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	36	36	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	8.750	35.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.500	2.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	1.070	2.363	5.700
Conductivity	uS/cm 20 C	AS	36	36	0	0.000	170.000	298.167	474.000
Copper	mg Cu/l	S	4	4	0	0.000	0.016	0.195	0.664
Cyanide	ug/l	AS	16	16	0	0.000	< 0.005	< 2.794	7.500
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.006	< 0.017	< 0.020
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	12	12	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	4	4	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	16	16	0	0.000	< 0.000	< 0.062	0.212
Fluroxypyr	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.030	0.516	1.320
Glyphosate	ug/l	AS	16	16	0	0.000	0.000	< 0.009	< 0.028
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	4	4	0	0.000	7.160	7.373	7.580
Iron	ug Fe/l	S	4	4	2	50.000	< 6.700	<163.625	264.000
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	4	4	0	0.000	1.590	3.280	6.660
Linuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.009
MCPA	ug/l	AS	20	19	0	0.000	< 0.002	< 0.009	0.080
MCPB	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	0.023
Manganese	ug Mn/l	S	4	4	0	0.000	< 0.000	< 31.425	49.100
Mecoprop P	ug/l	AS	16	15	0	0.000	< 0.002	< 0.006	< 0.023
Mercury	ug/l	AS	16	16	0	0.000	< 0.012	< 0.028	< 0.037

WATER SUPPLY ZONE - ZN0901 - Altmore Cabragh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Metalaxyl	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	4	4		0	0.000	< 0.760	< 1.053	1.700
Nitrate	S	4	4		0	0.000	0.708	8.899	32.550
Nitrite	S	4	4		0	0.000	< 0.000	< 0.000	< 0.000
Odour	S	4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	4	4		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	16	16		0	0.000	< 0.000	< 0.015	0.080
Phorate	AS	16	16		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.007
Selenium	S	4	4		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	4	4		0	0.000	12.310	13.371	16.473
Sulphate	AS	16	16		0	0.000	< 0.742	< 33.807	105.181
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	16	16		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	16	16		0	0.000	< 0.018	< 0.056	< 0.074
Total - Residual disinfectant	S	12	12		0	0.000	0.180	0.620	1.390
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	16	16		0	0.000	1.481	2.513	4.649
Total Trihalomethanes	S	12	12	150	0	0.000	38.070	53.550	87.123
Total coliforms	S	12	12		1	8.333	0.000	0.083	1.000
Triclopyr	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	AS	2	2		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	4	4		0	0.000	0.180	0.705	0.970
op'-DDT	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	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 = 2651

This zone has a surface water source :R2501

PCV Exceedances:

Sample failed 09-JAN-2009 (ZN0901AE) Iron = 264 ug Fe/.

Sample failed 08-OCT-2009 (ZN0901AE) Iron = 231 ug Fe/.

Sample failed 04-JUN-2009 (ZN0901AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.061	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	0.037
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	12	12	0	0.000	10.600	50.783	107.500
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.000	< 0.004	0.013
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.400	< 0.620
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.047	0.080
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 16.256	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.911	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.006
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.039	0.074
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	13.220	16.687	19.408
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
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	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.667	8.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	1.040	2.746	4.970
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	170.000	215.625	360.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.020	0.053
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 2.200	5.800
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.016	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	24	24	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	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	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.006	< 0.016
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.040	0.872	1.820
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	12	8	0	0.000	6.950	7.409	7.620
Iron	ug Fe/l	S	12	12	0	0.000	< 0.000	< 48.958	182.800
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.130	2.330
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
MCPA	ug/l	AS	12	11	0	0.000	< 0.002	< 0.012	0.080
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	< 0.007	0.023
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.000	< 16.100	46.900
Mecoprop P	ug/l	AS	8	7	0	0.000	< 0.002	< 0.007	< 0.023
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.028	< 0.037

WATER SUPPLY ZONE - ZN0902 - Altmore Donaghmore

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	0.360	< 0.670	< 0.900
Nitrate	S	8	8		0	0.000	1.637	2.084	2.627
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.029	0.080
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	6.219	8.899	10.968
Sulphate	AS	8	8		0	0.000	< 0.742	< 49.959	105.181
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.018	< 0.055	< 0.074
Total - Residual disinfectant	S	24	24		0	0.000	0.130	0.963	1.850
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.364	3.339	4.649
Total Trihalomethanes	S	12	12		150	0.000	41.903	85.616	149.174
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	12	12		0	0.000	0.290	0.533	1.490
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	AS	8	8		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 = 6517

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 - ZN1001 - Shanmoy Dungannon

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	12	8	0	0.000	< 0.049	< 0.053	< 0.080
2,4-D	ug/l	AS	12	8	0	0.000	< 0.002	< 0.005	< 0.005
2,4-DB	ug/l	AS	12	8	0	0.000	< 0.002	< 0.003	0.004
Aldrin	ug/l	AS	12	8	0	0.000	< 0.001	< 0.001	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 0.500	< 22.414	60.400
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.007	0.038
Antimony	ug/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	0.370	< 0.588	< 0.780
Asulam	ug/l	AS	12	8	0	0.000	< 0.007	< 0.010	< 0.010
Atrazine	ug/l	AS	12	8	0	0.000	< 0.003	< 0.005	< 0.005
Bentazone	ug/l	AS	12	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	12	8	0	0.000	< 0.030	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l	AS	12	8	0	0.000	< 0.017	< 27.877	48.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.204	2.900
Bromoxynil	ug/l	AS	12	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Carbendazim	ug/l	AS	12	8	0	0.000	< 0.002	< 0.008	< 0.009
Chloride	mg Cl/l	AS	12	7	0	0.000	21.367	23.045	26.386
Chloroquat	ug/l	AS	12	8	0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	ug/l	AS	12	8	0	0.000	< 0.003	< 0.006	< 0.006
Chlorpyrifos	ug/l	AS	12	8	0	0.000	< 0.005	< 0.005	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.225	< 0.260
Clopyralid	ug/l	AS	12	8	0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	50	39	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.944	35.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.278	9.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.176	2.260
Conductivity	uS/cm 20 C	AS	50	39	0	0.000	415.000	525.795	741.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.045	0.172
Cyanide	ug/l	AS	12	8	0	0.000	< 0.660	< 2.846	5.300
Cypermethrin	ug/l	AS	12	8	0	0.000	< 0.003	< 0.006	< 0.008
Diazinon	ug/l	AS	12	8	0	0.000	< 0.005	< 0.005	< 0.006
Dicamba	ug/l	AS	12	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	12	8	0	0.000	< 0.001	< 0.006	< 0.007
Dichlorophen	ug/l	AS	12	8	0	0.000	< 0.006	< 0.011	< 0.020
Dichlorprop	ug/l	AS	12	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorvos	ug/l	AS	12	8	0	0.000	< 0.006	< 0.006	< 0.008
Dieldrin	ug/l	AS	12	8	0	0.000	< 0.002	< 0.002	< 0.002
Diuron	ug/l	AS	12	8	0	0.000	0.000	< 0.004	< 0.007
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	12	8	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	12	8	0	0.000	< 0.004	< 0.007	< 0.007
Fenpropimorph	ug/l	AS	12	8	0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	mg F/l	AS	12	7	0	0.000	< 0.000	< 0.034	0.099
Fluroxyppyr	ug/l	AS	12	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.516	1.040
Glyphosate	ug/l	AS	12	8	0	0.000	< 0.006	< 0.008	< 0.010
Heptachlor	ug/l	AS	12	8	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	12	8	0	0.000	< 0.000	< 0.000	< 0.002
Hexachlorobenzene	ug/l	AS	12	8	0	0.000	< 0.002	< 0.005	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.270	7.465	7.920
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 14.722	94.400
Isoproturon	ug/l	AS	12	8	0	0.000	< 0.002	< 0.006	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.495	4.760
Linuron	ug/l	AS	12	8	0	0.000	< 0.003	< 0.007	< 0.009
MCPA	ug/l	AS	12	8	0	0.000	< 0.002	< 0.006	0.011
MCPB	ug/l	AS	12	8	0	0.000	< 0.002	< 0.004	< 0.004
MCCP (Mecoprop)	ug/l	AS	12	8	0	0.000	< 0.002	< 0.006	0.009
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 1.519	19.800
Mecoprop P	ug/l	AS	12	8	0	0.000	< 0.002	< 0.006	< 0.009
Mercury	ug/l	AS	12	8	0	0.000	< 0.012	< 0.034	< 0.037

WATER SUPPLY ZONE - ZN1001 - Shanmoy Dungannon

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
								Auth	Dep	ing PCV
Metalaxyl	ug/l	AS	12	8		0	0.000	< 0.004	< 0.004	< 0.005
Nickel	ug/l	S	8	8		0	0.000	< 0.330	< 1.489	2.100
Nitrate	mg NO3/l	S	8	8		0	0.000	1.440	2.830	5.372
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.002	< 0.010
Pendimethalin	ug/l	AS	12	8		0	0.000	< 0.005	< 0.006	< 0.006
Pentachlorophenol	ug/l	AS	12	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	12	8		0	0.000	< 0.000	< 0.008	< 0.022
Phorate	ug/l	AS	12	8		0	0.000	< 0.005	< 0.005	< 0.009
Propazine	ug/l	AS	12	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	12	8		0	0.000	< 0.004	< 0.004	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.310	< 0.330	< 0.370
Simazine	ug/l	AS	12	8		0	0.000	< 0.006	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8		0	0.000	15.081	17.343	19.198
Sulphate	mg SO4/l	AS	12	7		0	0.000	68.548	75.841	91.153
Taste	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	12	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	12	8		0	0.000	< 0.040	< 0.070	< 0.074
Total - Residual disinfectant	mg Cl/l	S	108	108		0	0.000	0.080	0.646	1.230
Total Indicative Dose	mSv/year	AS	2	1		0	0.000	0.087	0.087	0.087
Total Organic Carbon	mg C/l	AS	12	7		0	0.000	1.066	2.105	3.685
Total Trihalomethanes	ug/l	S	8	8		0	0.000	28.205	46.756	63.546
Total coliforms	CFU/100ml	S	108	108		1	0.926	0.000	0.009	1.000
Triclopyr	ug/l	AS	12	8		0	0.000	< 0.003	< 0.005	< 0.005
Trifluralin	ug/l	AS	12	8		0	0.000	< 0.002	< 0.007	< 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	0.140	0.274	0.730
op'-DDT	ug/l	AS	12	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	ug/l	AS	12	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41104

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 02-FEB-2009 (ZN1001AE) Total coliforms = 1 CFU/100m.

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 Ready

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.053	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.009
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.001	<	0.003
Aluminium	ug Al/l	S	24	24	0	0.000	<	0.000	<	9.133	<	54.400
Ammonium	mg NH4/l	S	24	24	0	0.000	<	0.000	<	0.009	<	0.030
Antimony	ug/l	S	8	8	0	0.000	<	0.120	<	0.260	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.370	<	0.630	<	1.000
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.010	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.008
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.013
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.034	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	23.127	<	31.000
Bromate	ug/l	S	8	8	0	0.000	<	0.600	<	0.914	<	0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.015	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.008	<	0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	24.575	29.530	31.354			
Chloroquat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.008	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.007	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.274	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.500	10.000			
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.167	4.000			
Colour	mg/l Pt/Co	S	24	24	0	0.000	<	0.000	<	3.519	<	11.250
Conductivity	uS/cm 20 C	AS	24	24	0	0.000	204.000	227.250	242.000			
Copper	mg Cu/l	S	8	8	0	0.000	<	0.002	<	0.044	<	0.161
Cyanide	ug/l	AS	8	8	0	0.000	1.900	3.988	5.300			
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.006	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.013	<	0.020
Dichlorprop	ug/l	AS	8	10	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	36	36	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.004	<	0.024
Fluroxyppyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.090	0.682	4.410			
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.009	<	0.014
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	<	0.000	<	0.000	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.040	7.345	7.610			
Iron	ug Fe/l	S	24	24	0	0.000	<	0.000	<	18.483	<	76.900
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.200	<	2.726	<	9.270
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.004
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.012
Manganese	ug Mn/l	S	24	24	0	0.000	<	0.000	<	2.167	<	26.000
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.012
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.034	<	0.037

WATER SUPPLY ZONE - ZN1101 - Clay Lake Ready

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	1.600	2.438	4.600
Nitrate	S	8	8		0	0.000	0.887	1.833	3.068
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.008	< 0.030
Phorate	AS	8	8		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.006	< 0.006	0.008
Sodium	S	8	8		0	0.000	11.310	13.157	14.751
Sulphate	AS	8	8		0	0.000	14.931	18.347	23.162
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.069	< 0.074
Total - Residual disinfectant	S	36	36		0	0.000	0.090	0.868	4.590
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	3.840	4.134	4.564
Total Trihalomethanes	S	8	8		1	12.500	50.339	68.198	128.160
Total coliforms	S	36	36		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.005	0.009
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.090	0.215	0.760
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 7706

This zone has a surface water source :R2509

PCV Exceedances:

Sample failed 02-MAR-2009 (ZN1101AE) Total Trihalomethanes = 128.2 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.061	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	< 0.000	< 26.800	332.600
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.007	0.042
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.350	< 0.628	1.000
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.041	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 16.631	29.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.914	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	15.701	23.059	26.115
Chloroquat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.293	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	52	53	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.444	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	15.583	550.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.130	< 6.403	12.140
Conductivity	uS/cm 20 C	AS	52	52	0	0.000	220.000	241.481	429.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.002	< 0.029	0.120
Cyanide	ug/l	AS	8	8	0	0.000	1.300	4.025	6.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.016	< 0.020
Dichlorprop	ug/l	AS	8	10	0	0.000	0.000	< 0.002	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	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	8	8	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.009	0.030
Fluoroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	0.015
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	< 0.010	< 0.558	1.410
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.870	7.182	7.600
Iron	ug Fe/l	S	36	36	1	2.778	< 1.500	< 44.008	482.300
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.798	6.030
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	0.019
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	< 0.010	0.029
Manganese	ug Mn/l	S	36	36	1	2.778	< 0.000	< 5.031	167.400
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.010	< 0.029
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.028	< 0.037

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	1.800	3.000	5.500
Nitrate	S	8	8		0	0.000	0.986	2.862	4.645
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.024	0.084
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	9.913	13.251	16.064
Sulphate	AS	8	8		0	0.000	23.270	28.638	55.562
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	0.022	0.075	0.220
Total - Residual disinfectant	S	96	96		0	0.000	0.090	0.718	1.510
Total Indicative Dose	AS	1	1		0	0.000	0.000	0.000	0.000
Total Organic Carbon	AS	8	8		0	0.000	3.251	6.389	7.989
Total Trihalomethanes	S	24	24	150	5	20.833	27.700	113.241	187.526
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.010	0.021
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		1	2.778	0.150	0.439	7.760
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.006
pp'-DDT	AS	8	8		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 = 31641

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 09-MAR-2009 (ZN1102AE) Aluminium = 333 ug Al/.
 Sample failed 09-MAR-2009 (ZN1102AE) Iron = 482 ug Fe/.
 Sample failed 09-MAR-2009 (ZN1102AE) Manganese = 167 ug Mn/.
 Sample failed 30-JUL-2009 (ZN1102AE) Total Trihalomethanes = 153.7 ug/l.
 Sample failed 04-AUG-2009 (ZN1102AE) Total Trihalomethanes = 163.4 ug/l.
 Sample failed 11-SEP-2009 (ZN1102AE) Total Trihalomethanes = 181.4 ug/l.
 Sample failed 21-SEP-2009 (ZN1102AE) Total Trihalomethanes = 171.9 ug/l.
 Sample failed 03-NOV-2009 (ZN1102AE) Total Trihalomethanes = 187.5 ug/l.
 Sample failed 09-MAR-2009 (ZN1102AE) Turbidity = 7.8 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0101 - Belfast Ballygomartin North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 3.800	< 27.672	55.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.009	0.029
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.280	< 0.539	< 0.790
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
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	< 0.002	< 0.002
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.918	0.980
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.017	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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	< 0.010	< 0.015
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.295	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	4.833	89.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	5.167	88.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.010	< 0.923	2.470
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.010	0.024
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0101 - Belfast Ballygomartin North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.030	0.276	0.790
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.410	7.699	8.140
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 22.361	78.700
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	1	12.500	< 0.000	< 12.436	83.030
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 1.411	5.000
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.700	< 1.563	1.900
Nitrate	mg NO3/l	S	8	8	0	0.000	0.295	1.784	3.717
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24	0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.306	< 0.370
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0101 - Belfast Ballygomartin North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq. planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	13.898	16.907	20.626
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	108	108		0	0.000	0.140	0.426	0.850
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	24	24	150	0	0.000	27.090	43.021	69.670
Total coliforms	S	108	108		3	2.778	0.000	0.426	42.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	S	36	36		0	0.000	0.150	0.272	0.770
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 42767

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 20-JUL-2009 (ZS0101AE) Lead = 83 ug Pb/l.
 Sample failed 20-MAY-2009 (ZS0101AE) Total coliforms = 3 CFU/100m.
 Sample failed 23-NOV-2009 (ZS0101AE) Total coliforms = 1 CFU/100m.
 Sample failed 09-DEC-2009 (ZS0101AE) Total coliforms = 42 CFU/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 - Belfast Ballygomartin South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	AS	24	24		0	0.000	0.000	0.077	0.400
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	S	36	36		1	2.778	< 3.300	< 39.353	294.500
Ammonium	S	36	36		0	0.000	< 0.000	< 0.012	0.031
Antimony	S	8	8		0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	S	8	8		0	0.000	< 0.320	< 0.454	< 0.620
Asulam	AS	24	24		0	0.000	< 0.007	< 0.009	< 0.010
Asulam	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Atrazine	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	24	24		0	0.000	0.000	< 0.070	< 0.100
Benzene	AS	24	24		0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	AS	24	25		0	0.000	< 0.017	< 18.684	< 28.000
Boron	AS	24	24		0	0.000	< 0.017	< 0.017	0.020
Bromate	S	8	8		0	0.000	< 0.600	< 1.008	1.700
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Chloride	AS	24	24		0	0.000	12.000	25.385	51.500
Chloride	AS	24	24		0	0.000	7.436	9.061	9.936
Chlormequat	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	AS	24	24		0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	24		0	0.000	< 0.010	< 0.010	< 0.015
Chlorpyrifos	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.274	< 0.700
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	AS	730	728		0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	AS	312	313		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36		0	0.000	0.000	4.944	86.000
Colony Counts 37 (48hrs)	S	36	36		0	0.000	0.000	5.222	131.000
Colour	S	36	36		0	0.000	< 0.050	< 1.356	9.400
Conductivity	AS	312	313		0	0.000	63.000	82.754	860.000
Copper	S	8	8		0	0.000	< 0.000	< 0.033	0.063
Cyanide	AS	24	25		0	0.000	0.000	1.822	4.200
Cyanide	AS	24	24		0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	24	24		0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	AS	24	24		0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	AS	24	24		0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0102 - Belfast Ballygomartin South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.000	< 0.190	0.680
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.480	7.705	8.120
Iron	ug Fe/l	S	36	36	2	5.556	< 1.800	< 66.628	930.100
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	2.090	4.581	9.190
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	1	2.778	< 0.000	< 3.197	52.700
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8	0	0.000	1.000	1.588	2.300
Nitrate	mg NO3/l	S	8	8	0	0.000	0.268	1.765	4.080
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.015	0.082
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24	0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.320	< 0.480
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0102 - Belfast Ballygomartin South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq. planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	14.228	17.473	20.340
Sulphate mg SO4/l	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate mg SO4/l	AS	24	24		0	0.000	8.950	63.250	84.500
Taste Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane ug/l	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane ug/l	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant mg Cl/l	S	108	108		0	0.000	0.100	0.321	0.940
Total Indicative Dose mSv/year	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes ug/l	S	24	24	150	0	0.000	24.900	45.543	71.181
Total coliforms CFU/100ml	S	108	108		4	3.704	0.000	> 0.787	> 80.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium Bq/l	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity NTU	S	36	36		1	2.778	0.160	0.497	5.640
op'-DDT ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
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	< 0.005	< 0.006
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 = 49359

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 12-JAN-2009 (ZS0102AE) Aluminium = 295 ug Al/.
 Sample failed 12-JAN-2009 (ZS0102AE) Iron = 930 ug Fe/.
 Sample failed 05-MAR-2009 (ZS0102AE) Iron = 274 ug Fe/.
 Sample failed 12-JAN-2009 (ZS0102AE) Manganese = 53 ug Mn/l.
 Sample failed 12-JAN-2009 (ZS0102AE) Total coliforms = 1 CFU/100m.
 Sample failed 05-FEB-2009 (ZS0102AE) Total coliforms = 3 CFU/100m.
 Sample failed 27-APR-2009 (ZS0102AE) Total coliforms = >80 CFU/10.
 Sample failed 05-MAY-2009 (ZS0102AE) Total coliforms = 1 CFU/100m.
 Sample failed 12-JAN-2009 (ZS0102AE) Turbidity = 5.6 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	12.800	60.252	102.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.029
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.280	< 0.433	< 0.760
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
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	< 0.002	< 0.002
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	0.900	1.363	2.800
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.025	< 0.048	< 0.120
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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	< 0.010	< 0.015
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.353	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	5.404	152.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	1.808	72.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 0.713	2.220
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.006	0.022
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	156	156		0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	< 0.013	< 0.153	0.420
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52		0	0.000	7.420	7.669	7.920
Iron	ug Fe/l	S	52	52		0	0.000	< 0.000	< 25.004	114.600
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8		0	0.000	< 0.000	< 2.216	4.430
Linuron	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.000	< 2.279	8.300
Mecoprop P	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8		0	0.000	< 0.470	< 0.793	1.100
Nitrate	mg NO3/l	S	8	8		0	0.000	0.968	1.482	2.427
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	8.525	10.435	14.659
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	156	156		0	0.000	0.060	0.246	0.630
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	24	24	150	0	0.000	29.916	41.584	55.735
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	S	52	52		0	0.000	0.150	0.258	0.690
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 52965

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	13.400	43.522	151.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.013	0.047
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.256	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.290	< 0.476	< 0.710
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
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	< 0.002	< 0.002
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 1.096	1.800
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.025	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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	< 0.010	< 0.015
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.376	< 0.900
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.333	6.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	4.306	136.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.156	9.450
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.007	0.023
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)			
							Auth Dep	ing PCV	ing PCV	Min.
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	120	120		0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppy	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fluroxyppy	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.030	0.216	0.750
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36		0	0.000	7.480	7.711	8.250
Iron	ug Fe/l	S	36	36		0	0.000	< 0.000	< 24.686	130.100
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8		1	12.500	< 0.000	< 11.709	72.700
Linuron	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCCP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.000	< 2.975	24.800
Mecoprop P	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8		0	0.000	< 0.610	< 1.491	3.000
Nitrate	mg NO3/l	S	8	8		0	0.000	0.311	1.824	4.022
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.288	< 0.310
Simazine	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	14.027	17.167	20.888
Sulphate mg SO4/l	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate mg SO4/l	AS	24	24		0	0.000	8.950	63.250	84.500
Taste Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane ug/l	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane ug/l	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant mg Cl/l	S	120	120		0	0.000	0.080	0.344	0.890
Total Indicative Dose mSv/year	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes ug/l	S	24	24	150	0	0.000	29.170	45.361	71.799
Total coliforms CFU/100ml	S	120	120	150	1	0.833	< 0.000	> 0.667	> 80.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium Bq/l	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity NTU	S	36	36		0	0.000	0.150	0.281	0.940
op'-DDT ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
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	< 0.005	< 0.006
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 = 39420

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 03-MAR-2009 (ZS0104AE) Lead = 73 ug Pb/l.

Sample failed 15-JUL-2009 (ZS0104AE) Total coliforms = >80 CFU/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 - Belfast Breda South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	AS	24	24		0	0.000	0.000	0.077	0.400
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	S	52	52		0	0.000	< 0.000	< 33.292	71.500
Ammonium	S	52	52		0	0.000	< 0.000	< 0.009	0.036
Antimony	S	8	8		0	0.000	< 0.120	< 0.245	< 0.280
Arsenic	S	8	8		0	0.000	< 0.320	< 0.468	< 0.640
Asulam	AS	24	24		0	0.000	< 0.007	< 0.009	< 0.010
Asulam	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Atrazine	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	24	24		0	0.000	0.000	< 0.070	< 0.100
Benzene	AS	24	24		0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	0.003
Boron	AS	24	25		0	0.000	< 0.017	< 18.684	< 28.000
Boron	AS	24	24		0	0.000	< 0.017	< 0.017	0.020
Bromate	S	8	8		0	0.000	< 0.600	< 0.870	< 0.970
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.021	< 0.060
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Chloride	AS	24	24		0	0.000	12.000	25.385	51.500
Chloride	AS	24	24		0	0.000	7.436	9.061	9.936
Chlormequat	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	AS	24	24		0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	24		0	0.000	< 0.010	< 0.010	< 0.015
Chlorpyrifos	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.414	< 0.700
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	AS	730	728		0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	AS	312	313		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52		0	0.000	0.000	3.058	57.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	1.019	27.000
Colour	S	52	52		0	0.000	< 0.000	< 1.076	6.370
Conductivity	AS	312	313		0	0.000	63.000	82.754	860.000
Copper	S	8	8		0	0.000	< 0.001	< 0.058	0.269
Cyanide	AS	24	25		0	0.000	0.000	1.822	4.200
Cyanide	AS	24	24		0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	24	24		0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	AS	24	24		0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	AS	24	24		0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
								Auth	Dep	ing
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	156	156		0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Fluroxypyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	156	156		0	0.000	0.030	0.264	0.590
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52		0	0.000	6.890	7.693	8.150
Iron	ug Fe/l	S	52	52		0	0.000	< 0.000	< 11.721	48.100
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8		0	0.000	< 0.000	< 5.346	23.970
Linuron	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
MCCP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.000	< 1.752	6.600
Mecoprop P	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8		0	0.000	1.300	1.750	2.600
Nitrate	mg NO3/l	S	8	8		0	0.000	< 0.008	< 1.833	5.157
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.001	0.010
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.293	< 0.350
Simazine	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
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	13.841	18.200	19.622
Sulphate mg SO4/l	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate mg SO4/l	AS	24	24		0	0.000	8.950	63.250	84.500
Taste Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane ug/l	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane ug/l	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant mg Cl/l	S	156	156		0	0.000	0.090	0.408	0.770
Total Indicative Dose mSv/year	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon mg C/l	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon mg C/l	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes ug/l	S	24	24	150	0	0.000	26.940	46.228	66.943
Total coliforms CFU/100ml	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr ug/l	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium Bq/l	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity NTU	S	52	52		0	0.000	0.150	0.212	0.380
op'-DDT ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
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	< 0.005	< 0.006
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 = 50445

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0106 - Belfast North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.300	< 35.547	135.300
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.011	0.034
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.240	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.370	< 0.526	< 0.800
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
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	< 0.002	< 0.002
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.868	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.022	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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	< 0.010	< 0.015
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.346	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.944	65.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	2.389	51.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.090	2.610
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.026	0.087
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0106 - Belfast North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.020	0.156	0.540
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.500	7.754	8.110
Iron	ug Fe/l	S	36	36	0	0.000	< 0.400	< 22.561	91.500
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	1	12.500	< 0.000	< 15.316	99.690
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 1.422	7.100
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8	0	0.000	1.200	1.600	2.400
Nitrate	mg NO3/l	S	8	8	0	0.000	0.263	1.783	4.073
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.004	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24	0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.288	< 0.310
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0106 - Belfast North

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	15.326	18.011	20.363
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	96	96		0	0.000	0.110	0.294	0.740
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	24	24	150	0	0.000	22.100	42.139	72.393
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	S	36	36		0	0.000	0.140	0.279	0.870
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 43583

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 10-JUL-2009 (ZS0106AE) Lead = 100 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 - ZS0107 - Belfast Oldpark

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	< 1.200	< 29.090	75.900
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.012	0.038
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.320	< 0.505	< 0.700
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
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	< 0.002	< 0.002
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.001	< 0.836	1.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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	< 0.010	< 0.015
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.291	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.942	55.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.731	28.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 0.853	2.100
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.021	0.088
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)						
								Auth	Dep	ing PCV	ing PCV	Min.	Mean	Max.
Dieldrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Diquat	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006				
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.007				
Diuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003				
E. coli	CFU/100ml	S	192	192		0	0.000	0.000	0.000	0.000				
Endrin	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003				
Endrin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006				
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				
Fenpropidin	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.007				
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Fenpropimorph	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.006				
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.000	< 0.076	0.433				
Fluoride	mg F/l	AS	24	24		0	0.000	< 0.100	< 0.100	< 0.100				
Fluroxyppyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Fluroxyppyr	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005				
Free - Residual disinfectant	mg Cl/l	S	192	192		0	0.000	0.030	0.239	0.790				
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.014				
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.006	< 0.009	0.031				
Heptachlor	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
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	< 0.000	< 0.001	< 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				
Hexachlorobenzene	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005				
Hydrogen Ion	pH value	S	52	52		0	0.000	7.320	7.571	7.900				
Iron	ug Fe/l	S	52	52		1	1.923	< 0.000	< 53.677	363.800				
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Isoproturon	ug/l	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.013				
Lead	ug Pb/l	S	8	8		1	12.500	< 0.000	< 6.881	39.080				
Linuron	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005				
Linuron	ug/l	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.009				
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004				
MCPA	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	0.022				
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
MCPB	ug/l	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004				
MCPP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
MCPP (Mecoprop)	ug/l	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006				
Manganese	ug Mn/l	S	52	52		0	0.000	< 0.000	< 3.079	11.700				
Mecoprop P	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Mecoprop P	ug/l	AS	24	22		0	0.000	< 0.002	< 0.005	< 0.006				
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.031	< 0.037				
Mercury	ug/l	AS	24	24		0	0.000	< 0.012	< 0.012	< 0.012				
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005				
Metalaxyl	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005				
Nickel	ug/l	S	8	8		0	0.000	< 0.780	< 1.823	2.600				
Nitrate	mg NO3/l	S	8	8		0	0.000	0.363	2.109	4.042				
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.008	0.012				
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000				
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000				
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005				
Pendimethalin	ug/l	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006				
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Pentachlorophenol	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002				
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000				
Pesticides - Total Substances	ug/l	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031				
Phorate	ug/l	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009				
Phorate	ug/l	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020				
Propazine	ug/l	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004				
Propazine	ug/l	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004				
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007				
Propetamphos	ug/l	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007				
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.306	< 0.370				
Simazine	ug/l	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007				

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	7.004	15.196	18.593
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	192	192		0	0.000	0.120	0.368	0.870
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	36	36	150	0	0.000	15.100	40.849	63.945
Total coliforms	S	192	192		2	1.042	0.000	0.016	2.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	S	52	52		0	0.000	0.150	0.350	2.570
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 37339

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 28-APR-2009 (ZS0107AE) Iron = 364 ug Fe/.
 Sample failed 02-MAR-2009 (ZS0107AE) Lead = 39 ug Pb/l.
 Sample failed 04-JUN-2009 (ZS0107AE) Total coliforms = 1 CFU/100m.
 Sample failed 24-JUL-2009 (ZS0107AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.049	< 0.057	< 0.080
1,2 Dichloroethane	AS	24	24		0	0.000	0.000	0.077	0.400
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Aldrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	S	36	36		0	0.000	21.900	61.208	127.700
Ammonium	S	36	36		0	0.000	< 0.000	< 0.008	0.028
Antimony	S	8	8		0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	S	8	8		0	0.000	< 0.230	< 0.410	< 0.590
Asulam	AS	24	24		0	0.000	< 0.007	< 0.009	< 0.010
Asulam	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Atrazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Atrazine	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	24	24		0	0.000	0.000	< 0.070	< 0.100
Benzene	AS	24	24		0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	AS	24	25		0	0.000	< 0.017	< 18.684	< 28.000
Boron	AS	24	24		0	0.000	< 0.017	< 0.017	0.020
Bromate	S	8	8		0	0.000	< 0.950	< 1.181	1.600
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.016	< 0.028	< 0.060
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.009
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Chloride	AS	24	24		0	0.000	12.000	25.385	51.500
Chloride	AS	24	24		0	0.000	7.436	9.061	9.936
Chlormequat	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Chlormequat	AS	24	24		0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	24		0	0.000	< 0.010	< 0.010	< 0.015
Chlorpyrifos	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	AS	730	728		0	0.000	0.000	0.000	0.000
Clostridium perfringens (sulph red)	AS	312	313		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36		0	0.000	0.000	5.806	116.000
Colony Counts 37 (48hrs)	S	36	36		0	0.000	0.000	3.917	118.000
Colour	S	36	36		0	0.000	< 0.000	< 1.064	8.870
Conductivity	AS	312	313		0	0.000	63.000	82.754	860.000
Copper	S	8	8		0	0.000	< 0.000	< 0.013	0.023
Cyanide	AS	24	25		0	0.000	0.000	1.822	4.200
Cyanide	AS	24	24		0	0.000	< 0.700	< 0.875	1.900
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	AS	24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diazinon	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.020
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.001	< 0.001
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	24	24		0	0.000	< 0.002	< 0.019	< 0.020
Dichlorophen	AS	24	24		0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	AS	24	24		0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Dichlorvos	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven-	% of samples contraven-	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Diquat	ug/l	AS	24	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
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
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Fluroxyppr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.020	0.204	0.660
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
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	< 0.000	< 0.001	< 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
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.380	7.701	9.040
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 25.361	154.600
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 4.823	13.510
Linuron	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 1.736	7.100
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.260	< 0.659	1.200
Nitrate	mg NO3/l	S	8	8	0	0.000	0.913	1.582	2.858
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.006	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.003	< 0.031
Phorate	ug/l	AS	24	24	0	0.000	< 0.000	< 0.009	< 0.009
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propazine	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	8.046	9.432	12.339
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	108	108		0	0.000	0.060	0.302	0.710
Total Indicative Dose	AS	3	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	24	24	150	0	0.000	26.620	38.818	54.582
Total coliforms	S	108	108		1	0.926	0.000	0.148	16.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	3	2		0	0.000	< 4.000	< 4.500	< 5.000
Turbidity	S	36	36		0	0.000	0.150	0.239	0.520
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
pp'-DDT	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 = 39108

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 07-JUL-2009 (ZS0108AE) Total coliforms = 16 CFU/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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.051	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	0.000	0.005	0.016
2,4-DB	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	< 1.900	< 41.858	523.800
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.039
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.264	< 0.310
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.383	< 0.690
Asulam	ug/l	AS	8	8	0	0.000	0.000	< 0.008	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 17.879	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 1.925	2.800
Bromoxynil	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	17.977	21.053	22.432
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.349	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	3.173	58.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.269	8.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.378	10.570
Conductivity	uS/cm 20 C	AS	156	157	0	0.000	23.000	318.401	356.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.002	< 0.168	1.212
Cyanide	ug/l	AS	8	8	0	0.000	0.000	1.725	3.800
Cypermethrin	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	0.000	< 0.014	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	0.000	< 0.013	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
E. coli	CFU/100ml	S	132	132	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 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	0.000	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.069	0.400
Fluroxyppyr	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.005
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	< 0.000	< 0.218	0.900
Glyphosate	ug/l	AS	8	8	0	0.000	0.000	< 0.008	< 0.014
Heptachlor	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	8	0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	7.000	7.345	7.990
Iron	ug Fe/l	S	52	52	7	13.462	< 0.800	<100.179	657.300
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.855	6.160
Linuron	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	0.018	0.030	0.058
MCPB	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	0.000	0.006	0.019
Manganese	ug Mn/l	S	52	52	1	1.923	< 0.000	< 4.796	68.700
Mecoprop P	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.019
Mercury	ug/l	AS	8	8	0	0.000	0.000	< 0.026	< 0.037

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Nickel	ug/l	S	8	8	0	0.000	1.700	2.450	3.200
Nitrate	mg NO3/l	S	8	8	0	0.000	1.517	2.939	4.478
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.005	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	8	8	0	0.000	0.000	0.006	0.013
Pentachlorophenol	ug/l	AS	8	8	0	0.000	0.000	< 0.001	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.000	0.034	0.067
Phorate	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.009
Propazine	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	12.422	14.599	16.030
Sulphate	mg SO4/l	AS	8	8	0	0.000	< 0.201	< 74.441	91.143
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	0.000	< 0.052	< 0.074
Total - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.020	0.324	1.050
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	1.587	2.005	2.944
Total Trihalomethanes	ug/l	S	8	8	0	0.000	24.130	37.330	61.814
Total coliforms	CFU/100ml	S	132	132	1	0.758	0.000	0.015	2.000
Triclopyr	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Trifluralin	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	52	52	0	0.000	0.140	0.434	1.850
op'-DDT	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.006
pp'-DDT	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 42008

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 02-DEC-2009 (ZS0109AE) Aluminium = 524 ug Al/.
 Sample failed 23-FEB-2009 (ZS0109AE) Iron = 297 ug Fe/.
 Sample failed 16-MAR-2009 (ZS0109AE) Iron = 217 ug Fe/.
 Sample failed 19-MAY-2009 (ZS0109AE) Iron = 657 ug Fe/.
 Sample failed 17-SEP-2009 (ZS0109AE) Iron = 248 ug Fe/.
 Sample failed 05-OCT-2009 (ZS0109AE) Iron = 221 ug Fe/.
 Sample failed 26-NOV-2009 (ZS0109AE) Iron = 301 ug Fe/.
 Sample failed 02-DEC-2009 (ZS0109AE) Iron = 528 ug Fe/.
 Sample failed 02-DEC-2009 (ZS0109AE) Manganese = 69 ug Mn/l.
 Sample failed 02-FEB-2009 (ZS0109AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.077	0.400
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 8.600	< 36.931	75.200
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.009	0.029
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.370	< 0.558	1.100
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.070	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.002
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.017	0.020
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.989	1.500
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	12.000	25.385	51.500
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.290	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	730	728	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	3.056	35.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.417	35.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.061	2.940
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.043	0.089
Cyanide	ug/l	AS	24	24	0	0.000	< 0.700	< 0.875	1.900
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	< 0.020
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.002	< 0.019	< 0.020
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	25	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	CFU/100ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluoroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.030	0.202	0.660
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	0.031
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	7.220	7.716	7.990
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 27.478	108.700
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	1.940	4.814	12.960
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	< 0.003	0.022
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 1.583	8.700
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0110 - Dunore Point Glengormley

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Nickel	S	8	8		0	0.000	< 0.580	< 1.498	2.100
Nitrate	S	8	8		0	0.000	0.287	1.883	3.974
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.001	< 0.006
Pendimethalin	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.003	< 0.031
Phorate	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Propazine	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	13.877	16.937	18.986
Sulphate	AS	24	24		0	0.000	8.950	63.250	84.500
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.117	< 0.210
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.081	0.500
Total - Residual disinfectant	S	96	96		0	0.000	0.090	0.346	0.790
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.260	3.174	6.830
Total Trihalomethanes	S	24	24		150	0.000	14.600	40.121	61.899
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.130	0.277	0.660
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 27748

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.051	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	0.000	0.005	0.016
2,4-DB	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	< 0.000	< 27.056	200.600
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.010	0.045
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.220	< 0.381	< 0.660
Asulam	ug/l	AS	8	8	0	0.000	0.000	< 0.008	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.034	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 17.879	< 28.000
Bromate	ug/l	S	8	8	0	0.000	1.300	1.938	2.800
Bromoxynil	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	17.977	21.053	22.432
Chlormequat	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.010
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.370	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	156	157	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 11.722	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	> 9.417	>300.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.300	< 1.108	2.050
Conductivity	uS/cm 20 C	AS	156	157	0	0.000	23.000	318.401	356.000
Copper	mg Cu/l	S	8	8	0	0.000	0.006	0.018	0.056
Cyanide	ug/l	AS	8	8	0	0.000	0.000	1.725	3.800
Cypermethrin	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	0.000	< 0.014	< 0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	0.000	< 0.013	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.007
E. coli	CFU/100ml	S	120	120	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 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	0.000	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.069	0.400
Fluroxypyr	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.005
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.030	0.228	0.840
Glyphosate	ug/l	AS	8	8	0	0.000	0.000	< 0.008	< 0.014
Heptachlor	ug/l	AS	8	8	0	0.000	0.000	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	8	8	0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	0.000	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	6.930	7.260	7.580
Iron	ug Fe/l	S	36	36	0	0.000	< 1.400	< 50.522	149.400
Isoproturon	ug/l	AS	8	8	0	0.000	0.000	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 2.491	8.500
Linuron	ug/l	AS	8	8	0	0.000	0.000	< 0.005	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	0.018	0.030	0.058
MCPB	ug/l	AS	8	8	0	0.000	0.000	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	0.000	0.006	0.019
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 3.214	21.100
Mecoprop P	ug/l	AS	8	8	0	0.000	0.000	< 0.006	< 0.019
Mercury	ug/l	AS	8	8	0	0.000	0.000	< 0.026	< 0.037

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	0.000	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	1.400	2.675	3.800
Nitrate	S	8	8		0	0.000	1.471	2.884	4.467
Nitrite	S	8	8		0	0.000	< 0.000	< 0.008	0.024
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.002
Pendimethalin	AS	8	8		0	0.000	0.000	0.006	0.013
Pentachlorophenol	AS	8	8		0	0.000	0.000	< 0.001	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.034	0.067
Phorate	AS	8	8		0	0.000	0.000	< 0.005	< 0.009
Propazine	AS	8	8		0	0.000	0.000	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	0.000	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	0.000	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	12.374	14.176	15.290
Sulphate	AS	8	8		0	0.000	< 0.201	< 74.441	91.143
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	0.000	< 0.052	< 0.074
Total - Residual disinfectant	S	120	120		0	0.000	0.080	0.333	0.930
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.587	2.005	2.944
Total Trihalomethanes	S	8	8		0	0.000	24.230	35.341	61.523
Total coliforms	S	120	120		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	0.000	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	0.000	< 0.005	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.130	0.308	0.990
op'-DDT	AS	8	8		0	0.000	0.000	< 0.004	< 0.006
pp'-DDT	AS	8	8		0	0.000	0.000	< 0.004	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40703

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 24-NOV-2009 (ZS0201AE) Aluminium = 201 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	36.200	87.983	156.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.008	0.035
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.220	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.230	< 0.378	< 0.570
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Bromate	ug/l	S	8	8	0	0.000	0.900	1.800	2.500
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.015	< 0.036	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.396	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.519	13.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.846	35.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 0.901	6.400
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.004	0.018
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	180	180	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.000	< 0.332	0.970
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.970	7.585	8.810
Iron	ug Fe/l	S	52	52	0	0.000	< 0.000	< 15.238	69.800
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 0.890	2.580
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.246	12.800
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Dep	ing
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.150	< 0.499	< 0.900
Nitrate	mg NO3/l	S	8	8	0	0.000	0.982	1.275	1.536
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.004	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.276	< 0.310
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	5.643	5.914	6.410
Sulphate	mg SO4/l	AS	24	24	0	0.000	9.134	13.928	17.031
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	24	24	0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.000	< 0.392	1.120
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	0.100	0.100	0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.958	1.432	4.098
Total Trihalomethanes	ug/l	S	8	8	0	0.000	19.353	32.371	41.108
Total coliforms	CFU/100ml	S	180	180	2	1.111	0.000	0.017	2.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 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	0.100	0.257	0.710
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 75754

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 23-FEB-2009 (ZS0401AE) Total coliforms = 1 CFU/100m.

Sample failed 30-JUN-2009 (ZS0401AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	52	52	2	3.846	35.900	113.242	975.700
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.010	0.098
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.220	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.210	< 0.341	< 0.420
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Bromate	ug/l	S	8	8	0	0.000	0.900	1.650	2.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.015	< 0.041	< 0.070
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.389	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.231	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.288	7.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 0.898	2.420
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.002	< 0.004
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	156	156	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	< 0.010	< 0.307	0.710
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.930	7.640	9.140
Iron	ug Fe/l	S	52	52	0	0.000	< 0.000	< 26.223	189.600
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 0.974	2.660
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.365	11.000
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0402 - Drumaroad Comber

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.160	< 0.571	< 0.990
Nitrate	S	8	8		0	0.000	0.985	1.283	1.532
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.276	< 0.310
Simazine	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	5.587	7.999	17.652
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	156	156		0	0.000	0.030	0.357	0.760
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	8	8		0	0.000	20.667	26.851	34.467
Total coliforms	S	156	156		1	0.641	0.000	0.006	1.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.120	0.294	2.140
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70164

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 08-OCT-2009 (ZS0402AE) Aluminium = 976 ug Al/.
 Sample failed 16-DEC-2009 (ZS0402AE) Aluminium = 430 ug Al/.
 Sample failed 05-AUG-2009 (ZS0402AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	33.100	89.704	258.700
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.008	0.027
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.395	< 0.600
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Bromate	ug/l	S	8	8	0	0.000	0.800	1.525	2.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.022	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.276	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.365	61.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.538	23.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 0.827	3.930
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.005	0.027
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	144	144	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.000	< 0.307	0.800
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.920	7.613	8.150
Iron	ug Fe/l	S	52	52	1	1.923	< 0.000	< 23.162	254.400
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.406	3.340
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.581	19.400
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0403 - Drumaroad Peninsula

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.034	< 0.299	< 0.900
Nitrate	S	8	8		0	0.000	1.142	1.300	1.484
Nitrite	S	8	8		0	0.000	< 0.000	< 0.008	0.023
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	5.384	6.044	6.927
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	144	144		0	0.000	0.020	0.356	0.890
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	8	8		0	0.000	20.620	29.960	42.735
Total coliforms	S	144	144		1	0.694	0.000	0.007	1.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	52	52		0	0.000	0.110	0.275	1.750
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 16783

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 11-MAY-2009 (ZS0403AE) Aluminium = 259 ug Al/.
 Sample failed 11-MAY-2009 (ZS0403AE) Iron = 254 ug Fe/.
 Sample failed 05-AUG-2009 (ZS0403AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	S	52	52		2	3.846	27.900	118.948	1385.20
Ammonium	S	52	52		0	0.000	< 0.000	< 0.008	0.029
Antimony	S	8	8		0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	S	8	8		0	0.000	< 0.180	< 0.396	< 0.650
Asulam	AS	24	24		0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	24	24		0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	AS	24	25		0	0.000	< 0.017	< 18.684	< 28.000
Bromate	S	8	8		0	0.000	< 0.950	< 1.969	4.700
Bromoxynil	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.035	< 0.110
Carbendazim	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.009
Chloride	AS	24	24		0	0.000	7.436	9.061	9.936
Chlormequat	AS	24	24		0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	AS	312	313		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52		0	0.000	0.000	2.904	47.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	0.115	1.000
Colour	S	52	52		0	0.000	< 0.000	< 1.179	4.690
Conductivity	AS	312	313		0	0.000	63.000	82.754	860.000
Copper	S	8	8		0	0.000	< 0.000	< 0.011	0.031
Cyanide	AS	24	25		0	0.000	0.000	1.822	4.200
Cypermethrin	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	24	24		0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	AS	24	24		0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	24	24		0	0.000	< 0.001	< 0.002	< 0.002
Diuron	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.007
E. coli	S	180	180		0	0.000	0.000	0.000	0.000
Endrin	AS	24	24		0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Fenpropidin	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	AS	24	24		0	0.000	< 0.000	< 0.076	0.433
Fluroxypyr	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	S	180	180		0	0.000	0.020	0.198	0.950
Glyphosate	AS	24	24		0	0.000	< 0.006	< 0.009	< 0.014
Heptachlor	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	AS	24	24		0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	S	52	52		0	0.000	7.030	7.575	8.890
Iron	S	52	52		1	1.923	< 0.000	< 58.810	1772.10
Isoproturon	AS	24	24		0	0.000	< 0.002	< 0.007	< 0.013
Lead	S	8	8		0	0.000	< 0.000	< 2.620	8.290
Linuron	AS	24	24		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCPB	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Manganese	S	52	52		2	3.846	< 0.000	< 7.106	226.200
Mecoprop P	AS	24	22		0	0.000	< 0.002	< 0.005	< 0.006
Mercury	AS	24	24		0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8	0	0.000	< 0.160	< 0.580	1.800
Nitrate	mg NO3/l	S	8	8	0	0.000	1.076	1.262	1.468
Nitrite	mg NO2/l	S	8	8	0	0.000	< 0.000	< 0.004	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Phorate	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.007
Selenium	ug/l	S	8	8	0	0.000	< 0.220	< 0.304	< 0.350
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8	0	0.000	5.732	6.116	6.702
Sulphate	mg SO4/l	AS	24	24	0	0.000	9.134	13.928	17.031
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	24	24	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	24	24	0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	0.050	0.290	1.060
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	0.100	0.100	0.100
Total Organic Carbon	mg C/l	AS	24	24	0	0.000	0.958	1.432	4.098
Total Trihalomethanes	ug/l	S	8	8	0	0.000	22.630	33.128	46.616
Total coliforms	CFU/100ml	S	180	180	1	0.556	0.000	0.006	1.000
Triclopyr	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Tritium	Bq/l	AS	1	1	0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	NTU	S	52	52	1	1.923	0.120	0.484	11.550
op'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 65583

This zone has a surface water source :R3302

PCV Exceedances:

- Sample failed 26-JAN-2009 (ZS0501AE) Aluminium = 1385 ug Al.
- Sample failed 23-FEB-2009 (ZS0501AE) Aluminium = 229 ug Al/.
- Sample failed 26-JAN-2009 (ZS0501AE) Iron = 1772 ug Fe.
- Sample failed 26-JAN-2009 (ZS0501AE) Manganese = 226 ug Mn/.
- Sample failed 09-NOV-2009 (ZS0501AE) Manganese = 55 ug Mn/l.
- Sample failed 22-JUN-2009 (ZS0501AE) Total coliforms = 1 CFU/100m.
- Sample failed 26-JAN-2009 (ZS0501AE) Turbidity = 11.6 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.066	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	1	1.923	< 0.900	< 42.062	< 441.900
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.009	0.031
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.236	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.370	< 0.539	1.000
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.078	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.821	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.028	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	17.460	30.441	74.246
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	S	8	8	0	0.000	< 0.200	< 0.425	< 0.900
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	1	0.952	0.000	0.010	1.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.827	59.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.192	3.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.030	< 1.516	4.470
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.062
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 0.900	1.400
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	< 0.002	< 0.002
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	< 0.020	< 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	CFU/100ml	S	156	156	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.020	0.287	2.120
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.014
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	7.550	7.760	7.990
Iron	ug Fe/l	S	52	52	2	3.846	< 0.000	< 63.854	2048.00
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.924	6.640
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	< 0.002	< 0.002
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	52	52	1	1.923	< 0.000	< 10.752	467.600
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	< 0.900	< 1.463	2.400
Nitrate	S	8	8		0	0.000	0.160	1.777	4.300
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.004
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.304	< 0.530
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	16.372	19.183	22.183
Sulphate	AS	8	8		0	0.000	8.880	65.558	98.700
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.126	< 0.210
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.068	0.220
Total - Residual disinfectant	S	156	156		0	0.000	0.060	0.452	2.340
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.410	2.951	3.890
Total Trihalomethanes	S	24	24	150	0	0.000	36.860	56.014	82.320
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		1	1.923	0.160	0.560	13.050
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 55309

PCV Exceedances:

Sample failed 08-SEP-2009 (ZS0502AE) Aluminium = 442 ug Al/.
 Sample failed 12-NOV-2009 (W3315POUT) Clostridium perfringens (sulph red) = 1 No./100.
 Sample failed 09-JAN-2009 (ZS0502AE) Iron = 252 ug Fe/.
 Sample failed 08-SEP-2009 (ZS0502AE) Iron = 2048 ug Fe.
 Sample failed 08-SEP-2009 (ZS0502AE) Manganese = 468 ug Mn/.
 Sample failed 08-SEP-2009 (ZS0502AE) Turbidity = 13.1 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	0.000	< 0.066	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 3.500	< 37.083	134.200
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.012	0.049
Antimony	ug/l	S	8	8	0	0.000	< 0.170	< 0.266	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.370	< 0.564	< 0.950
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	0.000	< 0.078	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	0.019
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.914	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.015	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	8	8	0	0.000	17.460	30.441	74.246
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	S	8	8	0	0.000	< 0.200	< 0.319	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Clostridium perfringens (sulph red)	No./100 ml	AS	104	105	1	0.952	0.000	0.010	1.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	1.167	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.708	12.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.360	< 1.553	2.650
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.007	0.018
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 0.900	1.400
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	< 0.002	< 0.002
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	< 0.020	< 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	CFU/100ml	S	72	72	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	< 0.010	< 0.241	0.690
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.014
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	24	0	0.000	7.580	7.792	8.010
Iron	ug Fe/l	S	24	24	1	4.167	< 0.000	< 26.138	267.100
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.238	3.320
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	< 0.002	< 0.002
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 2.925	34.900
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	1.100	1.538	2.000
Nitrate	S	8	8		0	0.000	0.108	1.328	3.629
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	8	8		0	0.000	< 0.009	< 0.009	< 0.009
Propazine	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	16.176	19.301	22.679
Sulphate	AS	8	8		0	0.000	8.880	65.558	98.700
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.126	< 0.210
Tetrachloromethane	AS	8	8		0	0.000	0.000	0.068	0.220
Total - Residual disinfectant	S	72	72		0	0.000	0.060	0.422	0.910
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	2.410	2.951	3.890
Total Trihalomethanes	S	12	12	150	0	0.000	37.530	52.685	69.213
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24		0	0.000	0.150	0.278	0.530
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 20800

PCV Exceedances:

Sample failed 12-NOV-2009 (W3315POUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 07-AUG-2009 (ZS0503AE) Iron = 267 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 - ZS0601 - Drumaroad Ballynahinch

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 5.100	< 84.317	< 155.400
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.011	0.056
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.190	< 0.353	< 0.590
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.970	< 1.468	2.300
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.023	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	> 8.694	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	7.556	268.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 0.818	2.600
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.005	0.018
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	96	96	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	< 0.010	< 0.407	1.190
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.070	7.567	8.830
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 11.589	58.600
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.368	3.170
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 2.081	23.300
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.034	< 0.314	< 0.900
Nitrate	S	8	8		0	0.000	1.144	1.307	1.484
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	5.410	6.112	6.948
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	96	96		0	0.000	0.040	0.459	1.230
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	8	8		0	0.000	16.160	26.078	33.658
Total coliforms	S	96	96		1	1.042	0.000	0.021	2.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.120	0.228	0.570
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27833

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 20-MAR-2009 (ZS0601AE) Total coliforms = 2 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	36	36	1	2.778	< 8.300	< 87.642	< 209.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.007	0.021
Antimony	ug/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.170	< 0.358	< 0.620
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.030	< 0.042	0.120
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	24	25	0	0.000	< 0.017	< 18.684	< 28.000
Bromate	ug/l	S	8	8	0	0.000	1.300	1.763	3.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.026	< 0.048
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	24	24	0	0.000	7.436	9.061	9.936
Chlormequat	ug/l	AS	24	24	0	0.000	< 0.003	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.005	< 0.007	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.225	< 0.400
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	312	313	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.361	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.000	< 1.414	10.910
Conductivity	uS/cm 20 C	AS	312	313	0	0.000	63.000	82.754	860.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.011	0.043
Cyanide	ug/l	AS	24	25	0	0.000	0.000	1.822	4.200
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	108	108	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenpropidin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.000	< 0.076	0.433
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	< 0.010	< 0.294	1.040
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.009	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.050	7.606	8.750
Iron	ug Fe/l	S	36	36	1	2.778	< 0.000	< 26.433	228.600
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.403	4.500
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 2.158	15.300
Mecoprop P	ug/l	AS	24	22	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.180	< 0.321	< 0.690
Nitrate	S	8	8		0	0.000	0.470	1.175	1.489
Nitrite	S	8	8		0	0.000	< 0.000	< 0.007	0.022
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Phorate	AS	24	24		0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	24	24		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	S	8	8		0	0.000	5.692	6.255	6.912
Sulphate	AS	24	24		0	0.000	9.134	13.928	17.031
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	24	24		0	0.000	< 0.018	< 0.062	< 0.074
Total - Residual disinfectant	S	108	108		0	0.000	0.030	0.343	1.090
Total Indicative Dose	AS	1	1		0	0.000	0.100	0.100	0.100
Total Organic Carbon	AS	24	24		0	0.000	0.958	1.432	4.098
Total Trihalomethanes	S	8	8		0	0.000	16.160	28.035	38.181
Total coliforms	S	108	108		1	0.926	0.000	0.009	1.000
Triclopyr	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 5.000	< 5.000	< 5.000
Turbidity	S	36	36		0	0.000	0.150	0.258	0.920
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.006	< 0.037
pp'-DDT	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35290

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 08-MAY-2009 (ZS0602AE) Aluminium = 209 ug Al/.

Sample failed 22-OCT-2009 (ZS0602AE) Iron = 229 ug Fe/.

Sample failed 20-APR-2009 (ZS0602AE) Total coliforms = 1 CFU/100m.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0801 - Castor Bay Address

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.098	0.900
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	36	36	0	0.000	< 1.500	< 30.894	< 116.200
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.000	< 0.010	0.035
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.245	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.350	< 0.494	< 0.740
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.071	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.018	0.038
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.868	< 0.970
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.025	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	10.500	24.896	70.769
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.348	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	5.417	98.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	> 8.528	>300.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 0.150	< 1.899	3.230
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.013	0.033
Cyanide	ug/l	AS	24	24	0	0.000	< 0.001	< 0.875	1.900
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	< 0.002	< 0.002
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
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	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	CFU/100ml	S	84	84	1	1.190	0.000	0.012	1.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.020	0.259	1.260
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.014
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	7.260	7.661	7.970
Iron	ug Fe/l	S	36	36	0	0.000	< 0.000	< 9.003	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	< 0.000	< 1.418	3.460
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	< 0.003	0.015
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.000	< 0.931	4.900
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0801 - Castor Bay Address

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Nickel	S	8	8		0	0.000	< 0.640	< 1.455	1.900
Nitrate	S	8	8		0	0.000	0.069	1.425	4.114
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.001
Pendimethalin	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.002	< 0.022
Phorate	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Propazine	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.294	< 0.360
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	7.667	16.117	19.921
Sulphate	AS	24	24		0	0.000	11.350	70.168	109.526
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.118	< 0.220
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.065	0.240
Total - Residual disinfectant	S	84	84		0	0.000	0.070	0.376	1.420
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.430	3.001	3.990
Total Trihalomethanes	S	12	12	150	0	0.000	27.730	47.836	65.292
Total coliforms	S	84	84		1	1.190	0.000	0.012	1.000
Triclopyr	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.150	0.270	0.520
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 32363

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 17-NOV-2009 (ZS0801AE) E. coli = 1 CFU/100m.

Sample failed 17-NOV-2009 (ZS0801AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.098	0.900
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	< 3.500	< 41.004	144.600
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.009	0.056
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.350	< 0.520	< 0.780
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.071	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.018	0.038
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.933	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.016	< 0.060
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	10.500	24.896	70.769
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.263	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	12.115	160.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	3.385	93.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.821	5.730
Copper	mg Cu/l	S	8	8	0	0.000	< 0.003	< 0.009	0.026
Cyanide	ug/l	AS	24	24	0	0.000	< 0.001	< 0.875	1.900
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	< 0.002	< 0.002
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
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	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	CFU/100ml	S	180	180	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluroxyppyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	< 0.010	< 0.217	0.790
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.014
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	52	0	0.000	6.850	7.671	8.110
Iron	ug Fe/l	S	52	52	1	1.923	< 0.000	< 56.704	422.700
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	< 0.000	< 1.733	5.130
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	< 0.003	0.015
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 2.823	45.000
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Nickel	S	8	8		0	0.000	< 0.670	< 1.500	2.200
Nitrate	S	8	8		0	0.000	< 0.000	< 1.440	3.622
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.001	< 0.010
Pendimethalin	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.002	< 0.022
Phorate	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Propazine	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	14.815	17.540	20.386
Sulphate	AS	24	24		0	0.000	11.350	70.168	109.526
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.118	< 0.220
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.065	0.240
Total - Residual disinfectant	S	180	180		0	0.000	0.070	0.398	14.000
Total Indicative Dose	AS	2	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	24	24		0	0.000	2.430	3.001	3.990
Total Trihalomethanes	S	36	36	150	0	0.000	23.573	43.307	63.787
Total coliforms	S	180	180		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Tritium	AS	2	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		0	0.000	0.150	0.426	1.370
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 24668

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 28-JUL-2009 (ZS0802AE) Iron = 423 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 - ZS0803 - Castor Bay Portadown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	0.000	0.098	0.900
2,4-D	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Aldrin	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Aluminium	ug Al/l	S	52	52	0	0.000	< 3.900	< 38.748	< 100.500
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.000	< 0.009	0.029
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.236	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.320	< 0.399	< 0.550
Asulam	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 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	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	0.000	< 0.071	< 0.100
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug/l	AS	24	24	0	0.000	< 0.017	< 0.018	0.038
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 1.446	3.900
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.080	< 0.420
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chloride	mg Cl/l	AS	24	24	0	0.000	10.500	24.896	70.769
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	< 0.010	< 0.015
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.398	< 0.700
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	0.022
Clostridium perfringens (sulph red)	No./100 ml	AS	312	312	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.558	39.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.404	8.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.000	< 1.803	4.500
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.021	0.070
Cyanide	ug/l	AS	24	24	0	0.000	< 0.001	< 0.875	1.900
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	< 0.002	< 0.002
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.001
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
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	25	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	CFU/100ml	S	180	180	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	24	24	0	0.000	< 0.002	< 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	< 0.002
Fluoride	mg F/l	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Fluoroxypyr	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	0.030	0.276	1.100
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.014
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	52	0	0.000	7.030	7.675	8.060
Iron	ug Fe/l	S	52	52	1	1.923	< 0.000	< 28.190	233.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Lead	ug Pb/l	S	8	8	0	0.000	< 0.000	< 1.574	3.560
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	< 0.003	0.015
MCPB	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
MCPP (Mecoprop)	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.000	< 1.150	8.300
Mecoprop P	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Mercury	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005

WATER SUPPLY ZONE - ZS0803 - Castor Bay Portadown

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Nickel	S	8	8		0	0.000	< 0.220	< 1.123	1.800
Nitrate	S	8	8		0	0.000	0.127	1.404	3.948
Nitrite	S	8	8		0	0.000	< 0.000	< 0.004	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Pentachlorophenol	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	24	24		0	0.000	< 0.000	< 0.002	< 0.022
Phorate	AS	24	24		0	0.000	< 0.000	< 0.009	< 0.009
Propazine	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Propetamphos	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.276	< 0.310
Simazine	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Sodium	S	8	8		0	0.000	8.131	15.349	20.124
Sulphate	AS	24	24		0	0.000	11.350	70.168	109.526
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.000	< 0.118	< 0.220
Tetrachloromethane	AS	24	24		0	0.000	0.000	0.065	0.240
Total - Residual disinfectant	S	180	180		0	0.000	0.080	0.392	1.140
Total Organic Carbon	AS	24	24		0	0.000	2.430	3.001	3.990
Total Trihalomethanes	S	36	36	150	0	0.000	17.395	43.444	64.075
Total coliforms	S	180	180		1	0.556	0.000	0.006	1.000
Triclopyr	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.003
Trifluralin	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Turbidity	S	52	52		0	0.000	0.150	0.330	1.220
op'-DDT	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
pp'-DDT	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 = 74273

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 12-JAN-2009 (ZS0803AE) Iron = 233 ug Fe/.

Sample failed 01-JUL-2009 (ZS0803AE) Total coliforms = 1 CFU/100m.

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 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples		Concentration or value (all samples)		
					constraven	ing PCV	ing PCV	Min.	Mean
1,2 Dichloroethane	AS	16	16		0	0.000	< 0.049	< 0.055	< 0.080
2,4-D	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	AS	16	16		0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	S	24	24		0	0.000	< 3.400	< 30.471	< 77.200
Ammonium	S	24	24		0	0.000	< 0.000	< 0.008	0.035
Antimony	S	8	8		0	0.000	< 0.120	< 0.220	< 0.280
Arsenic	S	8	8		0	0.000	< 0.370	< 0.511	< 0.860
Asulam	AS	16	16		0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	AS	16	16		0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	16	16		0	0.000	< 0.030	< 0.036	< 0.060
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	AS	16	16		0	0.000	< 0.017	< 20.927	< 34.000
Bromate	S	8	8		0	0.000	< 0.600	< 0.821	< 0.970
Bromoxynil	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.028	< 0.060
Carbendazim	AS	16	16		0	0.000	< 0.002	< 0.008	< 0.009
Chloride	AS	16	16		0	0.000	9.991	13.602	17.048
Chlormequat	AS	16	16		0	0.000	< 0.004	< 0.008	< 0.009
Chlorothalonil	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	AS	16	16		0	0.000	< 0.005	< 0.008	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.388	< 0.700
Clopyralid	AS	16	16		0	0.000	< 0.001	< 0.006	< 0.007
Clostridium perfringens (sulph red)	AS	180	180		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24		0	0.000	0.000	0.333	6.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	0.042	1.000
Colour	S	24	24		0	0.000	< 0.220	< 1.493	6.640
Conductivity	AS	180	181		0	0.000	86.000	112.945	176.000
Copper	S	8	8		0	0.000	< 0.000	< 0.006	0.020
Cyanide	AS	16	16		0	0.000	< 0.700	< 2.631	5.200
Cypermethrin	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.008
Diazinon	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	AS	16	16		0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	AS	16	16		0	0.000	< 0.006	< 0.014	< 0.020
Dichlorprop	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	16	16		0	0.000	< 0.001	< 0.002	< 0.002
Diuron	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.007
E. coli	S	36	36		0	0.000	0.000	0.000	0.000
Endrin	AS	16	16		0	0.000	< 0.003	< 0.005	< 0.006
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Fenpropidin	AS	16	16		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.006
Fluoride	AS	16	16		0	0.000	< 0.000	< 0.013	0.130
Fluroxypyr	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	S	36	36		0	0.000	0.040	0.547	1.200
Glyphosate	AS	16	16		0	0.000	< 0.006	< 0.008	< 0.014
Heptachlor	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	AS	16	16		0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	AS	16	16		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	S	24	24		0	0.000	7.390	7.658	7.920
Iron	S	24	24		1	4.167	< 1.100	< 36.129	483.400
Isoproturon	AS	16	16		0	0.000	< 0.002	< 0.007	< 0.013
Lead	S	8	8		0	0.000	< 0.000	< 1.634	3.560
Linuron	AS	16	16		0	0.000	< 0.003	< 0.006	< 0.009
MCPA	AS	16	16		0	0.000	< 0.002	< 0.007	0.023
MCPB	AS	16	16		0	0.000	< 0.002	< 0.004	0.008
MCPP (Mecoprop)	AS	16	16		0	0.000	< 0.002	< 0.005	0.010
Manganese	S	24	24		0	0.000	< 0.000	< 3.663	25.900
Mecoprop P	AS	16	16		0	0.000	< 0.002	< 0.005	< 0.010
Mercury	AS	16	16		0	0.000	< 0.012	< 0.032	< 0.037

WATER SUPPLY ZONE - ZS0901 - Camlough Newry West

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	16	16	ug/l	0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8	ug/l	0	0.000	< 0.840	< 1.031	1.700
Nitrate	S	8	8	mg NO3/l	0	0.000	0.360	1.898	3.737
Nitrite	S	8	8	mg NO2/l	0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	24	24	Diln No	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	16	16	ug/l	0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	16	16	ug/l	0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	16	16	ug/l	0	0.000	< 0.000	< 0.007	< 0.031
Phorate	AS	16	16	ug/l	0	0.000	< 0.005	< 0.007	< 0.020
Propazine	AS	16	16	ug/l	0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	16	16	ug/l	0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8	ug/l	0	0.000	< 0.220	< 0.276	< 0.310
Simazine	AS	16	16	ug/l	0	0.000	< 0.002	< 0.006	0.009
Sodium	S	8	8	mg Na/l	0	0.000	12.576	14.085	14.784
Sulphate	AS	16	16	mg SO4/l	0	0.000	18.648	24.946	28.802
Taste	S	24	24	Diln No	0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	16	16	ug/l	0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	16	16	ug/l	0	0.000	< 0.030	< 0.066	< 0.074
Total - Residual disinfectant	S	36	36	mg Cl/l	0	0.000	0.130	0.673	1.260
Total Indicative Dose	AS	2	2	mSv/year	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	16	16	mg C/l	0	0.000	1.187	1.965	2.656
Total Trihalomethanes	S	8	8	ug/l	0	0.000	27.830	43.824	60.644
Total coliforms	S	36	36	CFU/100ml	0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16	ug/l	0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	16	16	ug/l	0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	2	2	Bq/l	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	24	24	NTU	0	0.000	0.160	0.316	0.920
op'-DDT	AS	16	16	ug/l	0	0.000	< 0.002	< 0.007	< 0.037
pp'-DDT	AS	16	16	ug/l	0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21652

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 09-JAN-2009 (ZS0901AE) Iron = 483 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)					
							Auth Dep	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.057	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.003
Aluminium	ug Al/l	S	36	36	0	0.000	<	0.000	<	20.044	109.400	
Ammonium	mg NH4/l	S	36	36	0	0.000	<	0.000	<	0.007	0.031	
Antimony	ug/l	S	8	8	0	0.000	<	0.120	<	0.260	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.180	<	0.296	<	0.400
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.009	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.038	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	17.979	<	28.000
Bromate	ug/l	S	8	8	0	0.000	3.000		3.688		4.600	
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.017	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	9.991		11.148		12.414	
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.007	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.008	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.263	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
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		1.194		23.000	
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	<	0.260	<	0.982	<	2.920
Conductivity	uS/cm 20 C	AS	156	157	0	0.000	86.000		104.236		117.000	
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.016	<	0.035
Cyanide	ug/l	AS	8	8	0	0.000	<	0.700	<	2.238	<	3.600
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.004	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.015	<	0.020
Dichlorprop	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	96	96	0	0.000	0.000		0.000		0.000	
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	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	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.003	<	0.024
Fluroxyppyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.030		0.704		1.400	
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.008	<	0.014
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	<	0.000	<	0.001	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Hydrogen Ion	pH value	S	36	36	0	0.000	7.060		7.291		7.550	
Iron	ug Fe/l	S	36	36	2	5.556	<	0.000	<	43.506	<	512.600
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.400	<	3.005	<	5.760
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.005
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Manganese	ug Mn/l	S	36	36	0	0.000	<	0.000	<	0.328	<	2.400
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.031	<	0.037

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.150	< 0.394	< 0.900
Nitrate	S	8	8		0	0.000	0.179	0.800	1.366
Nitrite	S	8	8		0	0.000	< 0.000	< 0.006	< 0.010
Odour	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.002	< 0.008
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	6.066	7.791	10.655
Sulphate	AS	8	8		0	0.000	18.648	23.374	27.498
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	96	96		0	0.000	0.100	0.782	1.430
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.187	1.712	2.169
Total Trihalomethanes	S	8	8		0	0.000	13.360	28.473	48.646
Total coliforms	S	96	96		1	1.042	0.000	0.052	5.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	36	36		0	0.000	0.120	0.215	0.590
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.009	< 0.037
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 36583

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 21-JUL-2009 (ZS0902AE) Iron = 453 ug Fe/.

Sample failed 24-NOV-2009 (ZS0902AE) Iron = 513 ug Fe/.

Sample failed 08-MAY-2009 (ZS0902AE) Total coliforms = 5 CFU/100m.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0903 - Fofanny Jerrettspass

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.049	< 0.057	< 0.080
2,4-D	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	ug Al/l	S	24	24	0	0.000	< 0.000	< 36.079	< 89.200
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.000	< 0.010	0.052
Antimony	ug/l	S	8	8	0	0.000	< 0.120	< 0.245	< 0.280
Arsenic	ug/l	S	8	8	0	0.000	< 0.300	< 0.463	< 0.830
Asulam	ug/l	AS	8	8	0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.030	< 0.038	< 0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l	AS	8	8	0	0.000	< 0.017	< 17.979	< 28.000
Bromate	ug/l	S	8	8	0	0.000	< 0.600	< 0.870	< 0.970
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	ug/l	S	8	8	0	0.000	< 0.008	< 0.021	< 0.060
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	9.991	11.148	12.414
Chlormequat	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.020
Chromium	ug/l	S	8	8	0	0.000	< 0.200	< 0.331	< 0.700
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
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	24	24	0	0.000	0.000	0.333	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.000	< 1.705	6.250
Conductivity	uS/cm 20 C	AS	156	157	0	0.000	86.000	104.236	117.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.000	< 0.017	0.053
Cyanide	ug/l	AS	8	8	0	0.000	< 0.700	< 2.238	3.600
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	< 0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.006	< 0.015	< 0.020
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.002
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.007
E. coli	CFU/100ml	S	36	36	0	0.000	0.000	0.000	0.000
Endrin	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 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	< 0.003	< 0.006	< 0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	mg F/l	AS	8	8	0	0.000	< 0.000	< 0.003	< 0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.020	0.499	0.910
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.014
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	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	pH value	S	24	24	0	0.000	7.400	7.686	7.950
Iron	ug Fe/l	S	24	24	0	0.000	< 0.000	< 15.413	48.600
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.013
Lead	ug Pb/l	S	8	8	0	0.000	0.660	3.238	7.870
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.009
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.005
MCPB	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.000	< 1.371	6.200
Mecoprop P	ug/l	AS	8	8	0	0.000	< 0.002	< 0.005	< 0.006
Mercury	ug/l	AS	8	8	0	0.000	< 0.012	< 0.031	< 0.037

WATER SUPPLY ZONE - ZS0903 - Fofanny Jerrettspass

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
Metalaxyl	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Nickel	ug/l	S	8	8	0	0.000	<	0.800	<	1.690	<	4.500
Nitrate	mg NO3/l	S	8	8	0	0.000	0.388		1.926		4.221	
Nitrite	mg NO2/l	S	8	8	0	0.000	<	0.000	<	0.005	<	0.010
Odour	Diln No	S	24	24	0	0.000	0.000		0.000		0.000	
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	<	0.000	<	0.000	<	0.000
Pendimethalin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.006
Pentachlorophenol	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	<	0.000	<	0.002	<	0.008
Phorate	ug/l	AS	8	8	0	0.000	<	0.005	<	0.008	<	0.020
Propazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.004
Propetamphos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.007
Selenium	ug/l	S	8	8	0	0.000	<	0.220	<	0.288	<	0.310
Simazine	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.007
Sodium	mg Na/l	S	8	8	0	0.000	11.928		14.898		19.303	
Sulphate	mg SO4/l	AS	8	8	0	0.000	18.648		23.374		27.498	
Taste	Diln No	S	24	24	0	0.000	0.000		0.000		0.000	
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	<	0.000	<	0.000	<	0.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	<	0.030	<	0.063	<	0.074
Total - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.150		0.648		1.040	
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	<	0.100	<	0.100	<	0.100
Total Organic Carbon	mg C/l	AS	8	8	0	0.000	1.187		1.712		2.169	
Total Trihalomethanes	ug/l	S	8	8	0	0.000	29.200		47.685		66.626	
Total coliforms	CFU/100ml	S	36	36	0	0.000	0.000		0.000		0.000	
Triclopyr	ug/l	AS	8	8	0	0.000	<	0.003	<	0.004	<	0.005
Trifluralin	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Tritium	Bq/l	AS	1	1	0	0.000	<	4.000	<	4.000	<	4.000
Turbidity	NTU	S	24	24	0	0.000	0.160		0.287		1.150	
op'-DDT	ug/l	AS	8	8	0	0.000	<	0.002	<	0.009	<	0.037
pp'-DDT	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 7565

This zone has a surface water source :R2711

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)					
							Auth	Dep	ing	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	<	0.049	<	0.057	<	0.080
2,4-D	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.003
Aldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.003
Aluminium	ug Al/l	S	52	52	0	0.000	<	0.000	<	20.948		91.200
Ammonium	mg NH4/l	S	52	52	0	0.000	<	0.000	<	0.008		0.070
Antimony	ug/l	S	8	8	0	0.000	<	0.069	<	0.214	<	0.280
Arsenic	ug/l	S	8	8	0	0.000	<	0.200	<	0.359	<	0.500
Asulam	ug/l	AS	8	8	0	0.000	<	0.007	<	0.009	<	0.010
Atrazine	ug/l	AS	8	8	0	0.000	<	0.001	<	0.004	<	0.005
Bentazone	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Benzene	ug/l	AS	8	8	0	0.000	<	0.030	<	0.038	<	0.060
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	<	0.001	<	0.001	<	0.001
Boron	mg/l	AS	8	8	0	0.000	<	0.017	<	17.979		> 28.000
Bromate	ug/l	S	8	8	0	0.000	<	0.600	<	2.938		4.200
Bromoxynil	ug/l	AS	8	8	0	0.000	<	0.002	<	0.002	<	0.002
Cadmium	ug/l	S	8	8	0	0.000	<	0.008	<	0.029	<	0.060
Carbendazim	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.009
Chloride	mg Cl/l	AS	8	8	0	0.000	9.991	11.148	12.414			
Chlormequat	ug/l	AS	8	8	0	0.000	<	0.004	<	0.007	<	0.009
Chlorothalonil	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Chlorpyrifos	ug/l	AS	8	8	0	0.000	<	0.005	<	0.008	<	0.020
Chromium	ug/l	S	8	8	0	0.000	<	0.200	<	0.353	<	0.700
Clopyralid	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Clostridium perfringens (sulph red)	No./100 ml	AS	156	156	0	0.000	0.000	0.000	0.000	0.000		0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	5.038	148.000			
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.096	2.000			
Colour	mg/l Pt/Co	S	52	52	0	0.000	<	0.000	<	1.066		6.610
Conductivity	uS/cm 20 C	AS	156	157	0	0.000	86.000	104.236	117.000			
Copper	mg Cu/l	S	8	8	0	0.000	<	0.000	<	0.021		0.086
Cyanide	ug/l	AS	8	8	0	0.000	<	0.700	<	2.238		3.600
Cypermethrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.004	<	0.008
Diazinon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Dicamba	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	<	0.001	<	0.005	<	0.007
Dichlorophen	ug/l	AS	8	8	0	0.000	<	0.006	<	0.015	<	0.020
Dichlorprop	ug/l	AS	8	9	0	0.000	<	0.002	<	0.002	<	0.003
Dichlorvos	ug/l	AS	8	8	0	0.000	<	0.002	<	0.006	<	0.008
Dieldrin	ug/l	AS	8	8	0	0.000	<	0.001	<	0.002	<	0.002
Diuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.007
E. coli	CFU/100ml	S	180	180	0	0.000	0.000	0.000	0.000			0.000
Endrin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.005	<	0.006
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000			0.000
Fenpropidin	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.007
Fenpropimorph	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.006
Fluoride	mg F/l	AS	8	8	0	0.000	<	0.000	<	0.003	<	0.024
Fluroxypyr	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	0.030	0.785	1.730			
Glyphosate	ug/l	AS	8	8	0	0.000	<	0.006	<	0.008	<	0.014
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	<	0.000	<	0.001	<	0.002
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	<	0.002	<	0.004	<	0.005
Hydrogen Ion	pH value	S	52	52	0	0.000	6.930	7.285	7.820			
Iron	ug Fe/l	S	52	52	1	1.923	<	0.000	<	32.529		362.300
Isoproturon	ug/l	AS	8	8	0	0.000	<	0.002	<	0.007	<	0.013
Lead	ug Pb/l	S	8	8	0	0.000	<	0.000	<	1.455		3.340
Linuron	ug/l	AS	8	8	0	0.000	<	0.003	<	0.006	<	0.009
MCPA	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.005
MCPB	ug/l	AS	8	8	0	0.000	<	0.002	<	0.003	<	0.004
MCCP (Mecoprop)	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Manganese	ug Mn/l	S	52	52	0	0.000	<	0.000	<	0.567		8.100
Mecoprop P	ug/l	AS	8	8	0	0.000	<	0.002	<	0.005	<	0.006
Mercury	ug/l	AS	8	8	0	0.000	<	0.012	<	0.031	<	0.037

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Metalaxyl	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	S	8	8		0	0.000	< 0.270	< 0.683	1.800
Nitrate	S	8	8		0	0.000	0.275	1.167	3.948
Nitrite	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	S	8	8		0	0.000	< 0.000	< 0.000	< 0.003
Pendimethalin	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.000	< 0.002	< 0.008
Phorate	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.007
Selenium	S	8	8		0	0.000	< 0.220	< 0.320	< 0.571
Simazine	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Sodium	S	8	8		0	0.000	6.251	9.712	18.386
Sulphate	AS	8	8		0	0.000	18.648	23.374	27.498
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	AS	8	8		0	0.000	< 0.030	< 0.063	< 0.074
Total - Residual disinfectant	S	180	180		0	0.000	0.080	0.888	1.770
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	AS	8	8		0	0.000	1.187	1.712	2.169
Total Trihalomethanes	S	8	8		0	0.000	14.460	31.428	74.052
Total coliforms	S	180	180		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.005
Trifluralin	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Tritium	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	S	52	52		0	0.000	0.120	0.218	0.750
op'-DDT	AS	8	8		0	0.000	< 0.002	< 0.009	< 0.037
pp'-DDT	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 49836

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 20-APR-2009 (ZS0904AE) Iron = 362 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 - ZS1001 - Carran Hill Crossmaglen

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	AS	8	8		0	0.000	< 0.049	< 0.061	< 0.080
2,4-D	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
2,4-DB	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Aldrin	AS	8	8		0	0.000	< 0.001	< 0.002	< 0.003
Aluminium	S	24	24		0	0.000	< 0.000	< 17.204	< 67.000
Ammonium	S	24	24		0	0.000	< 0.000	< 0.011	0.028
Antimony	S	8	8		0	0.000	< 0.120	< 0.260	< 0.280
Arsenic	S	8	8		0	0.000	< 0.370	< 0.559	< 0.900
Asulam	AS	8	8		0	0.000	< 0.007	< 0.009	< 0.010
Atrazine	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.005
Bentazone	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	AS	8	8		0	0.000	< 0.030	< 0.041	< 0.060
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	AS	8	8		0	0.000	< 0.017	< 17.631	< 31.000
Bromate	S	8	8		0	0.000	< 0.600	< 0.914	< 0.970
Bromoxynil	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Cadmium	S	8	8		0	0.000	< 0.008	< 0.018	< 0.060
Carbendazim	AS	8	8		0	0.000	< 0.002	< 0.007	< 0.009
Chloride	AS	8	8		0	0.000	3.873	16.880	20.431
Chlormequat	AS	8	8		0	0.000	< 0.004	< 0.007	< 0.009
Chlorothalonil	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.006
Chlorpyrifos	AS	8	8		0	0.000	< 0.005	< 0.009	< 0.020
Chromium	S	8	8		0	0.000	< 0.200	< 0.270	< 0.700
Clopyralid	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.007
Clostridium perfringens (sulph red)	AS	36	36		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24		0	0.000	0.000	0.583	10.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	> 12.542	>300.000
Colour	S	24	24		0	0.000	< 0.150	< 2.112	4.620
Conductivity	AS	36	36		0	0.000	204.000	250.861	277.000
Copper	S	8	8		0	0.000	< 0.000	< 0.046	0.149
Cyanide	AS	8	8		0	0.000	1.500	3.438	4.900
Cypermethrin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Diazinon	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Dicamba	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.003
Dichlorbenil	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.007
Dichlorophen	AS	8	8		0	0.000	< 0.006	< 0.018	< 0.020
Dichlorprop	AS	8	12		0	0.000	< 0.002	< 0.002	< 0.003
Dichlorvos	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.008
Dieldrin	AS	8	8		0	0.000	0.001	< 0.002	< 0.002
Diuron	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.007
E. coli	S	48	48		0	0.000	0.000	0.000	0.000
Endrin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.006
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Fenpropidin	AS	8	8		0	0.000	< 0.003	< 0.006	< 0.007
Fenpropimorph	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.006
Fluoride	AS	8	8		0	0.000	< 0.000	< 0.011	< 0.024
Fluroxypyr	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Free - Residual disinfectant	S	48	48		0	0.000	0.020	0.586	1.360
Glyphosate	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.014
Heptachlor	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	AS	8	8		0	0.000	< 0.000	< 0.001	< 0.002
Hexachlorobenzene	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Hydrogen Ion	S	24	24		0	0.000	7.180	7.510	7.890
Iron	S	24	24		3	12.500	< 0.000	< 59.725	227.400
Isoproturon	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.013
Lead	S	8	8		0	0.000	< 0.000	< 1.711	3.750
Linuron	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.009
MCPA	AS	8	8		2	25.000	0.013	0.069	0.241
MCPB	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
MCCP (Mecoprop)	AS	8	8		0	0.000	0.020	0.031	0.050
Manganese	S	24	24		0	0.000	< 0.000	< 2.071	10.800
Mecoprop P	AS	8	8		0	0.000	< 0.020	< 0.031	0.050
Mercury	AS	8	8		0	0.000	< 0.012	< 0.028	< 0.037

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen

Printed On 21-JUN-2010 : NI Water : Period 01-JAN-2009 to 31-DEC-2009 incl.

Parameter	U/A	No. of & Freq.	No. of samples planned	No. of samples taken in year	PCV	No. Of samples contraven	% of samples contraven	Concentration or value (all samples)		
								Auth Dep	ing PCV	ing PCV
Metalaxyl	ug/l	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.005
Nickel	ug/l	S	8	8		0	0.000	1.200	2.575	4.000
Nitrate	mg NO3/l	S	8	8		0	0.000	0.936	2.649	5.380
Nitrite	mg NO2/l	S	8	8		0	0.000	< 0.000	< 0.005	< 0.010
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.001	< 0.005
Pendimethalin	ug/l	AS	8	8		0	0.000	< 0.001	< 0.005	< 0.006
Pentachlorophenol	ug/l	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Pesticides - Total Substances	ug/l	AS	8	8		0	0.000	< 0.033	< 0.104	0.284
Phorate	ug/l	AS	8	8		0	0.000	< 0.005	< 0.008	< 0.020
Propazine	ug/l	AS	8	8		0	0.000	< 0.001	< 0.004	< 0.004
Propetamphos	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.007
Selenium	ug/l	S	8	8		0	0.000	< 0.220	< 0.299	< 0.310
Simazine	ug/l	AS	8	8		0	0.000	< 0.002	< 0.006	< 0.007
Sodium	mg Na/l	S	8	8		0	0.000	6.797	11.941	17.553
Sulphate	mg SO4/l	AS	8	8		0	0.000	46.404	52.170	60.969
Taste	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.000	< 0.000	< 0.000
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.018	< 0.056	< 0.074
Total - Residual disinfectant	mg Cl/l	S	48	48		0	0.000	0.110	0.725	1.530
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	2.950	3.807	4.619
Total Trihalomethanes	ug/l	S	8	8		0	0.000	35.730	57.633	86.353
Total coliforms	CFU/100ml	S	48	48		1	2.083	0.000	0.021	1.000
Triclopyr	ug/l	AS	8	8		0	0.000	< 0.003	< 0.005	0.012
Trifluralin	ug/l	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.008
Tritium	Bq/l	AS	1	1		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity	NTU	S	24	24		0	0.000	0.120	0.330	1.160
op'-DDT	ug/l	AS	8	8		0	0.000	< 0.002	< 0.008	< 0.037
pp'-DDT	ug/l	AS	8	8		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 = 11753

PCV Exceedances:

Sample failed 07-APR-2009 (ZS1001AE) Iron = 227 ug Fe/.
 Sample failed 08-JUL-2009 (ZS1001AE) Iron = 203 ug Fe/.
 Sample failed 02-NOV-2009 (ZS1001AE) Iron = 214 ug Fe/.
 Sample failed 21-SEP-2009 (W2802OUI) MCPA = 0.2410 ug/.
 Sample failed 12-OCT-2009 (W2802OUI) MCPA = 0.1280 ug/.
 Sample failed 08-JUL-2009 (ZS1001AE) Total coliforms = 1 CFU/100m.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point