

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z101 - Alcrossagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	12	12	0	0.000	< 0.000	< 15.642	45.000
Ammonium		S	12	12	0	0.000	< 0.000	< 0.003	0.034
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	< 0.170	< 0.328	0.580
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	< 0.011
Azinphos methyl	ug/l	AS	8	7	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 28.000	< 34.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.063	1.500
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	18.539	20.138	22.840
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.351	0.570
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	12	12	0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)		S	12	12	0	0.000	0.000	0.167	1.000
Colour		S	12	12	0	0.000	< 0.000	< 3.700	17.400
Conductivity		AS	12	12	0	0.000	201.700	312.392	415.000
Copper		S	8	8	0	0.000	< 0.000	< 0.007	0.028
Cyanide	ug CN/l	AS	8	8	0	0.000	< 0.660	< 1.754	3.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	24	24	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.000	< 0.050	0.200
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	24	24	0	0.000	0.090	0.355	0.560
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 12	12		0	0.000	6.840	7.681	8.940
Iron		S 12	12		0	0.000	< 0.000	< 13.146	34.000
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.040	< 1.030	4.990
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 12	12		0	0.000	< 0.000	< 1.348	6.540
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.441	0.830
Nitrate		S 8	8		0	0.000	0.622	6.669	14.094
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.058
Odour		S 12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.033
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.313	0.330
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	9.717	13.305	16.868
Sulphate		AS 8	8		0	0.000	17.469	33.880	57.362
Taste		S 12	12		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 24	24		0	0.000	0.130	0.421	0.650
Total Coliforms		S 24	24		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	1.170	2.044	3.110
Total Pesticides	ug/l	AS 8	8		0	0.000	0.000	< 0.002	< 0.006
Total Trihalomethanes	ug/l	S 8	8		0	0.000	3.900	26.239	84.900
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 12	12		0	0.000	< 0.000	< 0.033	0.190
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 7772

This zone has a surface water source :R1704

PCV Exceedances:

Water Quality was satisfactory

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Water Supply Zone - Z101 - Alcrossagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

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Water Supply Zone - Z102 - Altnahinch  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	24	24	0	0			
Aldrin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	36	36	0	0.000	< 1.000	< 24.742	160.000
Ammonium	S	S	36	36	0	0.000	< 0.000	< 0.005	0.106
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	< 0.170	< 0.285	0.590
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	0.010
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.005	0.022
Azinphos methyl	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	24	24	0	0.000	< 26.000	< 28.583	38.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.556	3.300
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.018	0.028
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	24	24	0	0.000	14.957	20.651	28.147
Chlorpropham	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.348	0.820
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	AS	164	164	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	36	36	0	0.000	0.000	2.444	35.000
Colony Counts 37 (48hrs)	S	S	36	36	0	0.000	0.000	0.972	10.000
Colour	S	S	36	36	0	0.000	< 0.000	< 3.095	16.400
Conductivity	AS	AS	164	163	0	0.000	9.000	288.536	486.000
Copper	S	S	8	8	0	0.000	< 0.000	< 0.009	0.049
Cyanide	ug CN/l	AS	24	24	0	0.000	< 0.270	< 2.220	5.800
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	84	84	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	48	48	0	0.000	< 0.000	< 0.033	0.203
Fluoride	AS	AS	48	48	0	0.000	< 0.000	< 0.033	0.203
Flutriafol	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	84	84	0	0.000	0.000	0.172	1.110
Gamma-HCH (Lindane)	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	24	24	0	0.000	0.000	< 0.000	< 0.003

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Water Supply Zone - Z102 - Altnahinch  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	6.940	7.576	8.696
Iron		S 36	36		8	22.222	< 5.400	<121.078	763.900
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.295	1.250
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.007	0.038
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		0	0.000	< 0.000	< 4.051	33.300
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.906	1.900
Nitrate		S 8	8		0	0.000	0.070	4.709	19.735
Nitrite		S 8	8		0	0.000	< 0.000	< 0.004	0.024
Odour		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
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.316	0.360
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.007
Sodium		S 8	8		0	0.000	9.395	11.721	17.236
Sulphate		AS 24	24		0	0.000	11.250	41.364	73.870
Taste		S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	0.000	< 0.042	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 84	84		0	0.000	0.000	0.234	1.170
Total Coliforms		S 84	84		1	1.190	0.000	0.167	14.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	0.684	2.233	3.905
Total Pesticides	ug/l	AS 24	24		0	0.000	< 0.000	< 0.014	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	13.600	59.425	93.800
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 36	36		0	0.000	< 0.000	< 0.285	2.090
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 37577

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 13-MAR-2006 (Z102AE) Iron = 214.75 ug.  
 Sample failed 22-MAR-2006 (Z102AE) Iron = 763.90 ug.  
 Sample failed 15-AUG-2006 (Z102AE) Iron = 315.57 ug.  
 Sample failed 22-AUG-2006 (Z102AE) Iron = 285.67 ug.  
 Sample failed 11-SEP-2006 (Z102AE) Iron = 249.30 ug.  
 Sample failed 08-NOV-2006 (Z102AE) Iron = 339.80 ug.  
 Sample failed 10-NOV-2006 (Z102AE) Iron = 257.70 ug.  
 Sample failed 24-NOV-2006 (Z102AE) Iron = 259.70 ug.  
 Sample failed 07-NOV-2006 (Z102AE) Total Coliforms = 14 No./100.

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Water Supply Zone - Z103 - Ballinrees  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 52	52		0	0.000	< 3.000	< 22.779	56.500
Ammonium		S 52	52		0	0.000	< 0.000	< 0.003	0.032
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.364	0.710
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	0.007	0.010	0.015
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 29.000	< 34.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 0.994	< 1.100
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.023	0.045
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	18.551	24.291	28.147
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 104	104		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 52	52		0	0.000	0.000	3.365	41.000
Colony Counts 37 (48hrs)		S 52	52		0	0.000	0.000	1.462	36.000
Colour		S 52	52		0	0.000	< 0.000	< 2.552	16.700
Conductivity		AS 104	104		0	0.000	9.000	300.869	391.000
Copper		S 8	8		0	0.000	< 0.000	< 0.003	< 0.013
Cyanide	ug CN/l	AS 8	8		0	0.000	0.960	3.045	5.800
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 192	192		2	1.042	0.000	0.010	1.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.000	< 0.009	0.032
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 192	192		0	0.000	0.000	0.118	0.690
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z103 - Ballinrees  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52	0	0.000	7.280	7.784	8.250
Iron		S	52	52	0	0.000	< 4.420	< 27.681	160.450
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 0.803	3.040
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.012	0.038
Malathion	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52	0	0.000	< 0.000	< 2.109	10.510
Mecoprop (MCP)	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	8	8	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.710	1.339	1.900
Nitrate		S	8	8	0	0.000	0.057	0.951	3.017
Nitrite		S	8	8	0	0.000	< 0.000	< 0.009	0.031
Odour		S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.002	< 0.010
Parathion	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	0.002	0.003	0.007
Sodium		S	8	8	0	0.000	9.966	14.111	17.024
Sulphate		AS	8	8	0	0.000	50.775	61.180	69.707
Taste		S	52	52	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	192	192	0	0.000	0.000	0.211	0.830
Total Coliforms		S	192	192	5	2.604	0.000	0.057	4.000
Total Indicative Dose	mSv/year	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	8	8	0	0.000	2.410	2.848	3.905
Total Pesticides	ug/l	AS	8	8	0	0.000	< 0.009	< 0.024	< 0.050
Total Trihalomethanes	ug/l	S	8	8	0	0.000	27.200	65.638	95.300
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	8	8	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	52	52	0	0.000	< 0.000	< 0.107	0.510
op-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 79341

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 25-SEP-2006 (Z103AE) E. Coli= 1 No./100m.  
 Sample failed 27-SEP-2006 (Z103AE) E. Coli= 1 No./100m.  
 Sample failed 07-AUG-2006 (Z103AE) Total Coliforms = 1 No./100m.  
 Sample failed 25-SEP-2006 (Z103AE) Total Coliforms = 3 No./100m.  
 Sample failed 27-SEP-2006 (Z103AE) Total Coliforms = 2 No./100m.  
 Sample failed 02-NOV-2006 (Z103AE) Total Coliforms = 1 No./100m.  
 Sample failed 14-DEC-2006 (Z103AE) Total Coliforms = 4 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z103 - Ballinrees  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z104 - Ballymena Borough  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	48	47	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	48	47	0	0			
Aldrin	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	36	36	0	0.000	< 0.000	< 19.519	139.000
Ammonium	S	S	36	36	0	0.000	< 0.000	< 0.010	0.079
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	< 0.170	< 0.838	1.400
Asulam	ug/l	AS	48	47	0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS	48	47	0	0.000	< 0.001	< 0.008	0.028
Azinphos methyl	ug/l	S	8	0	0	0			
Azinphos methyl	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	48	47	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	0.000	< 0.001	< 0.001
Boron	ug B/l	AS	48	47	0	0.000	0.000	30.255	61.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.244	2.500
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	48	47	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	AS	AS	48	47	0	0.000	7.863	20.389	25.836
Chlorpropham	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	48	47	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	48	47	0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)	S	S	8	0	0	0			
Clostridium perfringens (sulph red)	AS	AS	477	477	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	36	36	0	0.000	0.000	23.167	420.000
Colony Counts 37 (48hrs)	S	S	36	36	0	0.000	0.000	14.972	408.000
Colour	S	S	36	36	0	0.000	< 0.000	< 4.250	13.300
Conductivity	S	S	36	0	0	0			
Conductivity	AS	AS	477	477	0	0.000	120.900	278.748	1130.00
Copper	S	S	8	8	0	0.000	0.006	0.082	0.302
Cyanide	ug CN/l	AS	48	47	0	0.000	< 0.660	< 2.696	7.000
Cypermethrin	ug/l	AS	48	47	0	0.000	< 0.004	< 0.006	0.029
Diazinon	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	48	47	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	48	47	0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	48	47	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	48	47	0	0.000	< 0.006	< 0.013	0.035
Diuron	ug/l	AS	48	47	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	120	120	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	48	47	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	96	94	0	0.000	< 0.000	< 0.057	0.891
Fluoride	AS	AS	96	94	0	0.000	< 0.000	< 0.057	0.891
Flutriafol	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	120	120	0	0.000	0.000	0.078	0.430
Gamma-HCH (Lindane)	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004

Water Supply Zone - Z104 - Ballymena Borough  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Glyphosate	ug/l	AS	48	47		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	48	47		0	0.000	< 0.002	< 0.002	0.002
Heptachlor epoxide	ug/l	AS	48	47		0	0.000	0.000	0.000	0.005
Hexachlorobenzene	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	36	36		0	0.000	6.830	7.435	8.280
Iron		S	36	36		1	2.778	< 1.700	< 45.804	229.700
Isoproturon	ug/l	AS	48	47		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8		0	0.000	< 0.000	< 3.099	14.840
MCPA	ug/l	AS	48	47		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS	48	47		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	36	36		0	0.000	< 0.000	< 1.820	9.700
Mecoprop (MCP)	ug/l	AS	48	47		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	48	47		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	0.000	0.570	1.185	2.900
Nitrate		S	8	8		0	0.000	0.159	3.203	7.789
Nitrite		S	8	8		0	0.000	< 0.000	< 0.007	0.032
Odour		S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	48	47		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	48	47		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	48	47		0	0.000	< 0.002	< 0.005	0.017
Sodium		S	8	8		0	0.000	7.203	12.351	14.993
Sulphate		AS	48	47		0	0.000	1.118	22.500	69.743
Taste		S	36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	48	47		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	48	47		0	0.000	< 0.000	< 0.053	< 1.000
Tetrachloromethane	ug/l	AS	48	47		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	120	120		0	0.000	0.000	0.203	0.840
Total Coliforms		S	120	120		1	0.833	0.000	0.008	1.000
Total Indicative Dose	mSv/year	AS	48	47		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	48	46		0	0.000	0.740	3.335	6.465
Total Organic Carbon		S	8	8		0	0.000	1.741	4.314	5.410
Total Pesticides	ug/l	AS	48	47		0	0.000	< 0.000	< 0.020	0.075
Total Trihalomethanes	ug/l	S	24	24	150	0	0.000	15.900	67.677	147.900
Trifluralin	ug/l	AS	48	47		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	48	47		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	36	36		0	0.000	< 0.000	< 0.156	0.620
op-DDT	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40784

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 09-OCT-2006 (Z104AE) Iron = 229.70 ug.

Sample failed 15-JUN-2006 (Z104AE) Total Coliforms = 1 No./100m.

Water Supply Zone - Z104 - Ballymena Borough  
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Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z105 - Bellaghy  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	< 0.000	< 10.063	33.800
Ammonium		S	24	24	0	0.000	< 0.000	< 0.004	0.085
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.200	0.399	0.640
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.004	0.012
Azinphos methyl	ug/l	S	8	0	0	0			
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 28.500	< 34.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.969	< 1.100
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	16	15	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	11.454	17.805	22.617
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.333	0.490
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		S	8	0	0	0			
Clostridium perfringens (sulph red)		AS	60	60	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	24	24	0	0.000	0.000	0.375	4.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	3.250	41.000
Colour		S	24	24	0	0.000	< 0.000	< 1.120	5.100
Conductivity		S	24	0	0	0			
Conductivity		AS	60	60	0	0.000	120.900	257.335	434.500
Copper		S	8	8	0	0.000	0.044	0.285	1.258
Cyanide	ug CN/l	AS	16	16	0	0.000	0.690	1.839	4.500
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.007	0.029
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	36	36	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.028	0.161
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.028	0.161
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	36	36	0	0.000	0.000	0.140	0.550
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z105 - Bellaghy  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Glyphosate	ug/l	AS 16	16		0	0.000	< 0.008	< 0.008	< 0.008
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	0.000	0.004
Hexachlorobenzene	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.050	7.402	8.290
Iron		S 24	24		0	0.000	< 0.000	< 15.244	49.800
Isoproturon	ug/l	AS 16	16		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.376	0.820
MCPA	ug/l	AS 16	16		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 16	16		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 0.776	5.400
Mecoprop (MCP)	ug/l	AS 16	16		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 16	16		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.335	1.200
Nitrate		S 8	8		0	0.000	14.072	26.580	38.647
Nitrite		S 8	8		0	0.000	< 0.000	< 0.004	0.021
Odour		S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.002	< 0.010
Parathion	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	0.004
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.314	0.340
Simazine	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	15.441	16.473	17.188
Sulphate		AS 16	16		0	0.000	15.356	30.254	69.743
Taste		S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 16	16		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 16	16		0	0.000	< 0.000	< 0.063	< 1.000
Tetrachloromethane	ug/l	AS 16	16		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.000	0.205	0.720
Total Coliforms		S 36	36		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 16	16		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 16	15		0	0.000	0.780	1.417	2.732
Total Organic Carbon		S 8	7		0	0.000	0.986	1.452	1.820
Total Pesticides	ug/l	AS 16	16		0	0.000	< 0.000	< 0.013	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	24.900	34.413	45.700
Trifluralin	ug/l	AS 16	16		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 16	16		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.153	1.180
op-DDT	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 14758

This zone has a surface water source :R1303

PCV Exceedances:

Water Quality was satisfactory

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z105 - Bellaghy  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z106 - Buckna  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 32	31		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 32	32		0	0			
Aldrin	ug/l	AS 32	31		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 4	4		0	0.000	< 0.000	< 2.375	< 4.200
Ammonium		S 4	4		0	0.000	< 0.000	< 0.000	< 0.000
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.230	0.358	0.590
Asulam	ug/l	AS 32	31		0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS 32	31		0	0.000	< 0.001	< 0.011	< 0.028
Azinphos methyl	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 32	31		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 32	31		0	0.000	0.000	31.161	61.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 0.988	< 1.100
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 32	31		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 32	31		0	0.000	7.863	22.631	25.836
Chlorpropham	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 32	31		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.340	0.520
Clopyralid	ug/l	AS 32	31		0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)		AS 389	389		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 4	4		0	0.000	0.000	4.000	16.000
Colony Counts 37 (48hrs)		S 4	4		0	0.000	0.000	0.250	1.000
Colour		S 4	4		0	0.000	< 0.300	< 1.090	< 2.300
Conductivity		AS 389	389		0	0.000	253.500	296.456	1130.00
Copper		S 4	4		0	0.000	0.008	0.023	0.042
Cyanide	ug CN/l	AS 32	31		0	0.000	< 0.660	< 2.837	7.000
Cypermethrin	ug/l	AS 32	31		0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 32	31		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 32	31		0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 32	31		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 32	31		0	0.000	< 0.006	< 0.013	0.035
Diuron	ug/l	AS 32	31		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 32	31		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 32	31		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 64	62		0	0.000	< 0.000	< 0.045	< 0.248
Fluoride		AS 64	62		0	0.000	< 0.000	< 0.045	0.248
Flutriafol	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 12	12		0	0.000	0.040	0.425	0.870
Gamma-HCH (Lindane)	ug/l	AS 32	31		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 32	31		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	0.002
Heptachlor epoxide	ug/l	AS 32	31		0	0.000	0.000	0.000	0.005

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z106 - Buckna  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		0	0.000	6.900	6.993	7.080
Iron		S 4	4		0	0.000	< 0.000	< 1.550	< 3.100
Isoproturon	ug/l	AS 32	31		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 4	4		0	0.000	< 0.000	< 1.738	3.390
MCPA	ug/l	AS 32	31		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 32	31		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 0.150	0.600
Mecoprop (MCP)	ug/l	AS 32	31		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 32	31		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	< 0.160	< 0.355	0.940
Nitrate		S 4	4		0	0.000	13.539	21.688	26.998
Nitrite		S 4	4		0	0.000	< 0.000	< 0.005	0.014
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	< 0.003	< 0.010
Parathion	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 32	31		0	0.000	< 0.002	< 0.006	0.017
Sodium		S 4	4		0	0.000	11.009	11.920	12.689
Sulphate		AS 32	31		0	0.000	1.118	12.558	24.714
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 32	31		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 32	31		0	0.000	0.000	< 0.048	< 1.000
Tetrachloromethane	ug/l	AS 32	31		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.080	0.511	0.970
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
-----+									
Total Indicative Dose	mSv/year	AS 32	31		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 32	31		0	0.000	0.740	3.738	6.465
Total Pesticides	ug/l	AS 32	31		0	0.000	< 0.002	< 0.025	0.075
Total Trihalomethanes	ug/l	S 4	4		0	0.000	17.700	28.750	42.200
Trifluralin	ug/l	AS 32	31		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 32	31		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 4	4		0	0.000	0.050	0.080	0.130
op-DDT	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4910

This zone has a surface water source :R1307

PCV Exceedances:

Water Quality was satisfactory

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z106 - Buckna  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

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Water Supply Zone - Z107 - Drumabest  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	12	12	0	0.000	< 0.000	< 5.533	21.000
Ammonium		S	12	12	0	0.000	< 0.000	< 0.005	0.041
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.300	0.359	0.530
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.010
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.003	0.022
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 28.375	38.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.063	1.700
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	14.957	18.832	21.495
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.490	1.100
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	60	60	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)		S	12	12	0	0.000	0.000	4.667	47.000
Colour		S	12	12	0	0.000	< 0.000	< 1.239	4.470
Conductivity		AS	60	59	0	0.000	158.000	266.797	486.000
Copper		S	8	8	0	0.000	< 0.001	< 0.026	0.126
Cyanide	ug CN/l	AS	16	16	0	0.000	< 0.270	< 1.808	3.200
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	24	24	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.045	0.203
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.045	0.203
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	24	24	0	0.000	0.000	0.248	0.470
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	16	16	0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z107 - Drumabest  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	12	12	0	0.000	6.610	7.155	8.452
Iron		S	12	12	0	0.000	< 0.000	< 12.374	37.810
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 0.559	1.720
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.005	0.017
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	12	12	0	0.000	< 0.000	< 0.608	< 2.700
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.160	< 0.268	0.680
Nitrate		S	8	8	0	0.000	0.773	17.806	24.852
Nitrite		S	8	8	0	0.000	< 0.000	< 0.006	0.021
Odour		S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.002	< 0.010
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.002
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.004
Sodium		S	8	8	0	0.000	11.173	16.108	18.167
Sulphate		AS	16	16	0	0.000	11.250	31.456	73.870
Taste		S	12	12	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	< 0.000	< 0.063	< 1.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	24	24	0	0.000	0.000	0.308	0.500
Total Coliforms		S	24	24	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16	0	0.000	0.684	1.925	3.832
Total Pesticides	ug/l	AS	16	16	0	0.000	< 0.000	< 0.008	< 0.026
Total Trihalomethanes	ug/l	S	8	8	0	0.000	10.800	43.788	93.600
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	12	12	0	0.000	< 0.000	< 0.066	0.240
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 8814

This zone has a surface water source :R1705

PCV Exceedances:

Water Quality was satisfactory

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 Water Supply Zone - Z107 - Drumabest  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z108 - Dungonnell  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	< 1.400	< 39.196	141.100
Ammonium		S	24	24	0	0.000	< 0.000	< 0.011	0.140
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	< 0.170	< 0.349	0.550
Asulam	ug/l	AS	16	16	0	0.000	< 0.000	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	0.008
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 29.375	40.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.134	1.700
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	11.454	16.917	20.603
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.288	0.340
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	60	60	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	24	24	0	0.000	0.000	3.000	37.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	0.542	10.000
Colour		S	24	24	1	4.167	< 0.000	< 3.693	48.700
Conductivity		AS	60	60	0	0.000	120.900	214.835	301.000
Copper		S	8	8	0	0.000	< 0.000	< 0.036	0.257
Cyanide	ug CN/l	AS	16	16	0	0.000	< 0.660	< 1.785	4.500
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.007	0.029
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.014	0.030
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	48	48	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.023	0.161
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.023	0.161
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	48	48	0	0.000	< 0.010	< 0.259	1.010
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000	0.004

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z108 - Dungonnell  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	24	24	0	0.000	6.950	7.531	8.760
Iron		S	24	24	0	0.000	< 1.300	< 44.192	119.300
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 0.654	3.220
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	24	24	0	0.000	< 0.000	< 0.992	6.400
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.180	0.843	2.200
Nitrate		S	8	8	0	0.000	0.210	4.241	30.045
Nitrite		S	8	8	0	0.000	< 0.000	< 0.011	0.035
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	< 0.003
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.002
Sodium		S	8	8	0	0.000	7.838	10.236	14.689
Sulphate		AS	16	16	0	0.000	6.460	23.336	69.743
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	< 0.000	< 0.063	< 1.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	48	48	0	0.000	0.040	0.342	1.100
Total Coliforms		S	48	48	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	15	0	0.000	0.740	1.473	2.732
Total Pesticides	ug/l	AS	16	16	0	0.000	< 0.000	< 0.013	< 0.050
Total Trihalomethanes	ug/l	S	8	8	0	0.000	19.800	55.151	79.400
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	24	24	0	0.000	0.070	0.170	0.400
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19067

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 27-MAR-2006 (Z108AE) Colour = 48.7 mg/l.

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 Water Supply Zone - Z108 - Dungonnell  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z109 - Dunore North  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	48	47	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	48	47	0	0			
Aldrin	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 0.000	< 6.767	80.400
Ammonium		S	52	52	0	0.000	< 0.000	< 0.010	0.165
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.640	0.963	1.400
Asulam	ug/l	AS	48	47	0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS	48	47	0	0.000	< 0.001	< 0.008	0.028
Azinphos methyl	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	48	47	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	48	47	0	0.000	0.000	29.957	61.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.306	3.400
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	48	46	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	48	47	0	0.000	7.863	20.691	25.836
Chlorpropham	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	48	47	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	48	47	0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)		AS	477	477	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	52	52	0	0.000	0.000	6.346	67.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	6.865	286.000
Colour		S	52	52	0	0.000	< 0.000	< 3.742	9.500
Conductivity		AS	477	477	0	0.000	120.900	284.094	1130.00
Copper		S	8	8	0	0.000	0.005	0.014	0.032
Cyanide	ug CN/l	AS	48	47	0	0.000	< 0.660	< 2.714	7.000
Cypermethrin	ug/l	AS	48	47	0	0.000	< 0.004	< 0.005	0.029
Diazinon	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	0.003
Dicamba	ug/l	AS	48	47	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	48	47	0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	48	47	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	48	47	0	0.000	< 0.006	< 0.012	0.035
Diuron	ug/l	AS	48	47	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	156	156	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	48	47	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	96	94	0	0.000	< 0.000	< 0.058	0.891
Fluoride		AS	96	94	0	0.000	< 0.000	< 0.058	0.891
Flutriafol	ug/l	AS	48	47	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	156	156	0	0.000	< 0.000	< 0.140	1.250
Gamma-HCH (Lindane)	ug/l	AS	48	47	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	48	47	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	48	47	0	0.000	< 0.002	< 0.002	0.002
Heptachlor epoxide	ug/l	AS	48	47	0	0.000	0.000	0.000	0.005

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z109 - Dunore North  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Hexachlorobenzene	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52		0	0.000	7.370	7.673	8.770
Iron		S	52	52		0	0.000	< 0.000	< 15.298	73.100
Isoproturon	ug/l	AS	48	47		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8		0	0.000	< 0.000	< 0.318	1.800
MCPA	ug/l	AS	48	47		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS	48	47		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52		0	0.000	< 0.000	< 0.810	7.800
Mecoprop (MCP)	ug/l	AS	48	47		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	48	47		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	0.000	0.710	1.256	3.500
Nitrate		S	8	8		0	0.000	1.109	3.504	7.811
Nitrite		S	8	8		0	0.000	< 0.000	< 0.012	0.029
Odour	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	< 0.002	< 0.010
Parathion	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	48	47		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	48	47		0	0.000	< 0.002	< 0.002	0.004
Selenium	ug Se/l	S	8	8		0	0.000	< 0.310	< 0.325	0.390
Simazine	ug/l	AS	48	47		0	0.000	< 0.002	< 0.005	0.017
Sodium		S	8	8		0	0.000	11.367	13.072	14.192
Sulphate		AS	48	47		0	0.000	1.118	24.854	69.743
Taste	Diln No	S	52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	48	47		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	48	47		0	0.000	< 0.000	< 0.053	< 1.000
Tetrachloromethane	ug/l	AS	48	47		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	156	156		0	0.000	< 0.000	< 0.306	1.470
Total Coliforms		S	156	156		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	48	47		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	48	46		0	0.000	0.780	3.317	6.465
Total Pesticides	ug/l	AS	48	47		0	0.000	< 0.000	< 0.020	0.075
Total Trihalomethanes	ug/l	S	24	24		150	0.000	40.600	70.789	149.200
Trifluralin	ug/l	AS	48	47		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	48	47		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	52	52		0	0.000	0.070	0.167	0.530
op-DDT	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	48	47		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 66860

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

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Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z110 - Killylane  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	32	31	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	32	31	0	0			
Aldrin	ug/l	AS	32	31	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 0.000	< 73.521	189.900
Ammonium		S	52	52	0	0.000	< 0.000	< 0.005	0.036
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.200	0.406	1.000
Asulam	ug/l	AS	32	31	0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS	32	31	0	0.000	< 0.001	< 0.011	0.028
Azinphos methyl	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	32	31	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	32	31	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	32	31	0	0.000	0.000	30.710	61.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.226	< 1.900
Cadmium	ug Cd/l	S	8	8	0	0.000	0.000	0.016	0.021
Carbendazim	ug/l	AS	32	31	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	32	31	0	0.000	7.863	22.181	25.836
Chlorpropham	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	32	31	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	32	31	0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)		AS	417	417	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	52	52	0	0.000	0.000	24.519	398.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	8.135	320.000
Colour		S	52	52	0	0.000	2.000	4.574	9.200
Conductivity		AS	417	417	0	0.000	196.700	287.944	1130.00
Copper		S	8	8	0	0.000	< 0.000	< 0.002	0.005
Cyanide	ug CN/l	AS	32	31	0	0.000	< 0.660	< 3.166	7.000
Cypermethrin	ug/l	AS	32	31	0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS	32	31	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	32	31	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	32	31	0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS	32	31	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	32	31	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	32	31	0	0.000	< 0.006	< 0.012	0.035
Diuron	ug/l	AS	32	31	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	132	132	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	32	31	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	32	31	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	64	62	0	0.000	< 0.000	< 0.074	0.891
Fluoride		AS	64	62	0	0.000	< 0.000	< 0.074	0.891
Flutriafol	ug/l	AS	32	31	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	132	132	0	0.000	< 0.000	< 0.085	1.000
Gamma-HCH (Lindane)	ug/l	AS	32	31	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	32	31	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	32	31	0	0.000	0.000	0.000	0.005

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		1	1.923	7.300	8.569	9.650
Iron		S 52	52		1	1.923	< 2.400	< 32.810	689.100
Isoproturon	ug/l	AS 32	31		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.563	< 1.370
MCPA	ug/l	AS 32	31		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 32	31		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 1.998	42.900
Mecoprop (MCP)	ug/l	AS 32	31		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 32	31		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.480	1.200
Nitrate		S 8	8		0	0.000	1.161	2.549	8.307
Nitrite		S 8	8		0	0.000	< 0.000	< 0.013	0.041
Odour	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.002	< 0.010
Parathion	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 32	31		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.319	0.380
Simazine	ug/l	AS 32	31		0	0.000	< 0.002	< 0.006	0.017
Sodium		S 8	8		0	0.000	10.372	12.334	15.135
Sulphate		AS 32	31		0	0.000	1.118	22.068	50.541
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 32	31		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 32	31		0	0.000	0.000	< 0.048	< 1.000
Tetrachloromethane	ug/l	AS 32	31		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 132	132		0	0.000	< 0.000	< 0.164	1.050
Total Coliforms		S 132	132		2	1.515	0.000	0.015	1.000
Total Indicative Dose	mSv/year	AS 32	31		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 32	31		0	0.000	2.310	4.236	6.465
Total Pesticides	ug/l	AS 32	31		0	0.000	0.000	0.024	0.075
Total Trihalomethanes	ug/l	S 8	8		5	62.500	64.800	112.200	179.500
Trifluralin	ug/l	AS 32	31		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 32	31		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 52	52		0	0.000	0.100	0.234	1.410
op-DDT	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 32	31		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 53143

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 06-APR-2006 (Z110AE) Hydrogen Ion = 9.65 pH va.  
 Sample failed 21-APR-2006 (Z110AE) Iron = 689 ug Fe/.  
 Sample failed 21-JUN-2006 (Z110AE) Total Coliforms = 1 No./100m.  
 Sample failed 10-OCT-2006 (Z110AE) Total Coliforms = 1 No./100m.  
 Sample failed 09-MAR-2006 (Z110AE) Total Trihalomethanes = 111.8 ug/l.  
 Sample failed 26-JUL-2006 (Z110AE) Total Trihalomethanes = 113.6 ug/l.  
 Sample failed 22-AUG-2006 (Z110AE) Total Trihalomethanes = 127.4 ug/l.  
 Sample failed 04-SEP-2006 (Z110AE) Total Trihalomethanes = 179.5 ug/l.  
 Sample failed 24-OCT-2006 (Z110AE) Total Trihalomethanes = 123.8 ug/l.

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Water Supply Zone - Z110 - Killylane  
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Water Supply Zone - Z111 - Lough Fea  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS 12	8		0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 12	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	23.400	75.008	198.000
Ammonium		S 24	24		0	0.000	< 0.000	< 0.007	0.094
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.180	0.299	0.530
Asulam	ug/l	AS 12	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 12	8		0	0.000	< 0.001	< 0.002	0.007
Azinphos methyl	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 12	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 12	8		0	0.000	< 26.000	< 36.500	80.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 0.969	< 1.100
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 12	8		0	0.000	9.956	11.913	13.561
Chlorpropham	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 12	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 12	8		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 56	52		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 24	24		0	0.000	0.000	28.667	337.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	22.958	297.000
Colour		S 24	24		0	0.000	< 0.000	< 4.939	19.300
Conductivity		AS 56	52		0	0.000	7.000	143.225	440.000
Copper		S 8	8		0	0.000	< 0.001	< 0.041	0.133
Cyanide	ug CN/l	AS 12	8		0	0.000	< 0.270	< 2.080	4.000
Cypermethrin	ug/l	AS 12	8		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 12	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 12	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 12	8		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 12	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 60	60		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 12	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 12	8		0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 20	16		0	0.000	< 0.000	< 0.008	0.026
Flutriafol	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 60	60		0	0.000	0.000	0.165	1.050
Gamma-HCH (Lindane)	ug/l	AS 12	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 12	8		0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

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Water Supply Zone - Z111 - Lough Fea  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.180	7.898	8.770
Iron		S 24	24		4	16.667	11.800	169.446	1281.56
Isoproturon	ug/l	AS 12	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.660	2.200
MCPA	ug/l	AS 12	8		0	0.000	< 0.004	< 0.017	0.057
Malathion	ug/l	AS 12	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 2.456	11.520
Mecoprop (MCP)	ug/l	AS 12	8		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 12	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.459	0.890
Nitrate		S 8	8		0	0.000	0.121	0.905	4.956
Nitrite		S 8	8		0	0.000	< 0.000	< 0.006	0.018
Odour		S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.311	< 0.320
Simazine	ug/l	AS 12	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	5.250	11.602	49.663
Sulphate		AS 12	8		0	0.000	30.623	34.365	37.947
Taste		S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 12	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 60	60		0	0.000	0.030	0.237	1.150
Total Coliforms		S 60	60		1	1.667	0.000	0.100	6.000
Total Indicative Dose	mSv/year	AS 12	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 12	8		0	0.000	1.770	2.211	3.665
Total Pesticides	ug/l	AS 12	8		0	0.000	0.000	0.017	0.064
Total Trihalomethanes	ug/l	S 8	8		0	0.000	36.300	68.171	98.900
Trifluralin	ug/l	AS 12	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 12	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.399	2.370
op-DDT	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 12	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23818

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 24-JAN-2006 (Z111AE) Iron = 232.05 ug.  
 Sample failed 03-JUL-2006 (Z111AE) Iron = 1281.56 ug.  
 Sample failed 20-JUL-2006 (Z111AE) Iron = 1280.83 ug.  
 Sample failed 05-SEP-2006 (Z111AE) Iron = 385.80 ug.  
 Sample failed 03-JUL-2006 (Z111AE) Total Coliforms = 6 No./100m.

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Water Supply Zone - Z111 - Lough Fea  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z112 - Mormeal  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	28.700	59.279	123.600
Ammonium		S	24	24	0	0.000	< 0.000	< 0.009	0.136
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.270	0.429	0.650
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.008	0.020
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 34.813	80.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.950	< 0.950
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.019	0.031
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	9.956	18.317	29.783
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	156	156	5	3.205	0.000	0.333	34.000
Colony Counts 22		S	24	24	0	0.000	0.000	5.542	118.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	8.708	156.000
Colour		S	24	24	0	0.000	< 0.000	< 3.648	7.600
Conductivity		AS	156	156	0	0.000	7.000	323.431	611.000
Copper		S	8	8	0	0.000	< 0.000	< 0.023	0.088
Cyanide	ug CN/l	AS	16	16	0	0.000	< 0.270	< 2.609	5.100
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	36	36	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.082	0.876
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.082	0.876
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	36	36	0	0.000	0.000	0.089	0.550
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000	0.000

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z112 - Mormeal  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	24	24	0	0.000	7.800	8.188	8.570
Iron		S	24	24	1	4.167	16.100	53.083	264.700
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 2.226	9.570
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.018	0.057
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	24	24	0	0.000	< 0.000	< 2.726	13.450
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.009	0.025
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	1.813	2.500
Nitrate		S	8	8	0	0.000	0.725	2.521	6.505
Nitrite		S	8	8	0	0.000	< 0.000	< 0.024	0.055
Odour		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
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	0.010
Sodium		S	8	8	0	0.000	26.765	41.498	63.699
Sulphate		AS	16	16	0	0.000	30.623	44.168	67.841
Taste		S	24	24	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	0.000	0.000	0.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	36	36	0	0.000	0.010	0.195	0.740
Total Coliforms		S	36	36	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16	0	0.000	1.770	3.088	4.850
Total Pesticides	ug/l	AS	16	16	0	0.000	0.000	0.033	0.076
Total Trihalomethanes	ug/l	S	12	12	150	8.333	59.700	91.628	154.300
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	24	24	0	0.000	< 0.010	< 0.144	0.730
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11231

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 20-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 10 No./100.  
 Sample failed 21-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 13-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 34 No./100.  
 Sample failed 15-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 09-MAY-2006 (W1301OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 25-SEP-2006 (Z112AE) Iron = 264.70 ug.  
 Sample failed 27-MAR-2006 (Z112AE) Total Trihalomethanes = 154.3 ug/l.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z112 - Mormeal  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z113 - Moyola  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	36	36	1	2.778	15.800	60.542	292.600	
Ammonium	S	36	36	0	0.000	< 0.000	< 0.009	0.082	
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.309	0.510
Arsenic	ug As/l	S	8	8	0	0.000	0.300	0.434	0.650
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	0.009	0.013	0.020
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 33.125	51.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.969	< 1.100
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	8	8	0	0.000	19.390	24.720	29.783
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	104	104	5	4.808	0.000	0.500	34.000	
Colony Counts 22	S	36	36	0	0.000	0.000	1.278	14.000	
Colony Counts 37 (48hrs)	S	36	36	0	0.000	0.000	2.278	42.000	
Colour	S	36	36	0	0.000	< 0.000	< 3.254	7.400	
Conductivity	AS	104	104	0	0.000	253.400	413.535	611.000	
Copper	S	8	7	0	0.000	< 0.000	< 0.025	0.050	
Cyanide	ug CN/l	AS	8	8	0	0.000	2.100	3.138	5.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	84	84	0	0.000	0.000	0.000	0.000	
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	8	8	0	0.000	0.000	0.000	0.000	
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	16	16	0	0.000	< 0.000	< 0.157	0.876	
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	84	84	0	0.000	0.000	0.329	0.920	
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

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Water Supply Zone - Z113 - Moyola  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	7.643	8.218	8.520
Iron		S 36	36		2	5.556	< 8.360	< 67.825	713.900
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.669	2.160
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.020	0.036
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		0	0.000	< 0.000	< 4.875	25.890
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.011	0.025
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 2.120	2.800
Nitrate		S 8	8		0	0.000	0.690	2.910	11.593
Nitrite		S 8	8		0	0.000	< 0.000	< 0.015	0.042
Odour		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
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.334	0.500
Simazine	ug/l	AS 8	8		0	0.000	0.005	0.007	0.010
Sodium		S 8	8		0	0.000	42.675	52.661	64.842
Sulphate		AS 8	8		0	0.000	43.854	53.972	67.841
Taste		S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 84	84		0	0.000	0.080	0.508	1.150
Total Coliforms		S 84	84		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	2.950	3.966	4.850
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.018	< 0.049	0.076
Total Trihalomethanes	ug/l	S 12	12	150	0	0.000	64.200	86.093	109.800
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 36	36		0	0.000	< 0.000	< 0.210	1.580
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35823

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 25-SEP-2006 (Z113AE) Aluminium = 293 ug Al/.  
 Sample failed 20-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 10 No./100.  
 Sample failed 21-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 13-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 34 No./100.  
 Sample failed 15-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 09-MAY-2006 (W1301OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 25-SEP-2006 (Z113AE) Iron = 713.90 ug.  
 Sample failed 06-NOV-2006 (Z113AE) Iron = 319.30 ug.

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Water Supply Zone - Z113 - Moyola  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z115 - Rathlin  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	4	4	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	4	4	0	0			
Aldrin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	0.004
Alpha-cypermethrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	4	4	0	0.000	< 0.000	< 16.700	32.000
Ammonium		S	4	4	0	0.000	< 0.000	< 0.000	< 0.000
Antimony	ug Sb/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	4	4	0	0.000	0.400	0.583	0.740
Asulam	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Azinphos methyl	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	4	4	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	4	4	0	0.000	44.000	50.000	55.000
Bromate	ug/l	S	4	4	1	25.000	1.300	13.625	40.000
Cadmium	ug Cd/l	S	4	4	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	0.003
Chlorfenvinphos	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	4	4	0	0.000	66.378	74.356	78.024
Chlorpropham	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	4	4	0	0.000	0.000	10.750	37.000
Colony Counts 37 (48hrs)		S	4	4	0	0.000	0.000	0.000	0.000
Colour		S	4	4	0	0.000	< 0.900	< 2.280	5.200
Conductivity		AS	4	4	0	0.000	486.000	493.000	506.000
Copper		S	4	4	0	0.000	< 0.000	< 0.018	0.048
Cyanide	ug CN/l	AS	4	4	0	0.000	0.460	0.845	1.600
Cypermethrin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	4	4	0	0.000	< 0.006	< 0.010	< 0.020
Diuron	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	12	12	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	4	4	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	8	8	0	0.000	0.000	0.286	0.873
Flutriafol	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	12	12	0	0.000	0.000	0.220	0.630
Gamma-HCH (Lindane)	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	4	4	0	0.000	0.000	0.000	0.000

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z115 - Rathlin  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4	0	0.000	8.580	8.715	8.820
Iron		S	4	4	0	0.000	< 0.000	< 10.478	28.700
Isoproturon	ug/l	AS	4	4	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4	0	0.000	< 0.000	< 0.200	0.780
MCPA	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4	0	0.000	< 0.000	< 0.540	< 1.760
Mecoprop (MCP)	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	4	4	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4	0	0.000	< 0.160	< 0.160	< 0.160
Nitrate		S	4	4	0	0.000	0.084	0.637	2.117
Nitrite		S	4	4	0	0.000	< 0.000	< 0.010	0.016
Odour		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	< 0.001
Parathion	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S	4	4	0	0.000	< 0.310	< 0.448	0.640
Simazine	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S	4	4	0	0.000	106.100	112.962	125.155
Sulphate		AS	4	4	0	0.000	16.814	24.554	35.745
Taste		S	4	4	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	4	4	0	0.000	0.000	< 0.063	< 0.250
Tetrachloromethane	ug/l	AS	4	4	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12	0	0.000	0.000	0.275	0.680
Total Coliforms		S	12	12	1	8.333	0.000	0.083	1.000
Total Indicative Dose	mSv/year	AS	4	4	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	4	4	0	0.000	1.420	1.668	2.310
Total Pesticides	ug/l	AS	4	4	0	0.000	0.000	< 0.002	< 0.007
Total Trihalomethanes	ug/l	S	4	4	0	0.000	29.400	51.525	63.100
Trifluralin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	4	4	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4	0	0.000	< 0.010	< 0.240	0.460
op-DDT	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 127

This zone has a surface water source :R1706

PCV Exceedances:

Sample failed 10-MAR-2006 (Z115AE) Bromate = 40.00 ug/l.

Sample failed 02-OCT-2006 (Z115AE) Total Coliforms = 1 No./100m.

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Water Supply Zone - Z115 - Rathlin  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z116 - Unagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	24	24	24	1	4.167	30.000	89.913	616.000
Ammonium	S	24	24	24	0	0.000	< 0.000	< 0.002	0.036
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.200	0.380	0.630
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.008	0.020
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 34.813	80.000
Bromate	ug/l	S	8	7	0	0.000	< 0.950	< 0.977	< 1.100
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	16	16	0	0.000	9.956	18.317	29.783
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	156	156	156	5	3.205	0.000	0.333	34.000
Colony Counts 22	S	24	24	24	0	0.000	0.000	14.292	186.000
Colony Counts 37 (48hrs)	S	24	24	24	0	0.000	0.000	1.167	15.000
Colour	S	24	24	24	1	4.167	< 0.000	< 3.875	23.600
Conductivity	AS	156	156	156	0	0.000	7.000	323.431	611.000
Copper	S	8	8	8	0	0.000	< 0.000	< 0.034	0.137
Cyanide	ug CN/l	AS	16	16	0	0.000	< 0.270	< 2.609	5.100
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	36	36	36	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	8	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	32	32	32	0	0.000	< 0.000	< 0.082	0.876
Fluoride	AS	32	32	32	0	0.000	< 0.000	< 0.082	0.876
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	36	36	36	0	0.000	0.000	0.251	0.670
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000	0.000

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Water Supply Zone - Z116 - Unagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	24	24	0	0.000	7.600	8.073	8.570
Iron		S	24	24	1	4.167	< 6.540	< 67.724	824.390
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 0.536	1.330
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.018	0.057
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	24	24	1	4.167	< 0.000	< 5.892	111.360
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.009	0.025
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.480	1.210	3.600
Nitrate		S	8	8	0	0.000	0.166	1.223	3.317
Nitrite		S	8	8	0	0.000	< 0.000	< 0.009	0.021
Odour		S	24	24	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.005	0.010
Sodium		S	8	8	0	0.000	5.907	13.169	22.786
Sulphate		AS	16	16	0	0.000	30.623	44.168	67.841
Taste		S	24	24	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	0.000	0.000	0.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	36	36	0	0.000	0.010	0.369	0.710
Total Coliforms		S	36	36	1	2.778	0.000	0.028	1.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16	0	0.000	1.770	3.088	4.850
Total Pesticides	ug/l	AS	16	16	0	0.000	0.000	0.033	0.076
Total Trihalomethanes	ug/l	S	12	11	150	0.000	52.100	74.818	92.700
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	24	24	0	0.000	< 0.000	< 0.219	2.710
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 15073

This zone has a surface water source :R1301

PCV Exceedances:

Sample failed 15-MAY-2006 (Z116AE) Aluminium = 616 ug Al/.  
 Sample failed 20-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 10 No./100.  
 Sample failed 21-FEB-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 13-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 34 No./100.  
 Sample failed 15-MAR-2006 (W1301OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 09-MAY-2006 (W1301OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 15-MAY-2006 (Z116AE) Colour = 23.60 mg/l.  
 Sample failed 15-MAY-2006 (Z116AE) Iron = 824.39 ug.  
 Sample failed 15-MAY-2006 (Z116AE) Manganese = 111.36 ug.  
 Sample failed 03-OCT-2006 (Z116AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z116 - Unagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z201 - Altmore  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	12	12	300	0	< 0.000	< 55.592	185.700
Ammonium		S	4	4	0	0.000	< 0.000	< 0.000	< 0.000
Antimony	ug Sb/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	4	4	0	0.000	0.250	0.470	0.660
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	4	4	0	0.000	< 0.000	< 0.000	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 30.875	41.000
Bromate	ug/l	S	4	4	0	0.000	< 0.950	< 0.988	< 1.100
Cadmium	ug Cd/l	S	4	4	0	0.000	< 0.017	< 0.017	0.018
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	12.480	16.869	21.656
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	48	48	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	4	4	0	0.000	0.000	0.750	3.000
Colony Counts 37 (48hrs)		S	4	4	0	0.000	0.000	0.000	0.000
Colour		S	4	4	0	0.000	< 0.380	< 3.970	6.700
Conductivity		AS	48	48	0	0.000	168.600	345.883	470.000
Copper		S	4	4	0	0.000	< 0.000	< 0.004	0.014
Cyanide	ug CN/l	AS	16	16	0	0.000	< 0.270	< 4.857	20.000
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.006
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	0.022
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	12	12	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.073	0.250
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.073	0.250
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	12	12	0	0.000	< 0.010	< 0.770	1.850
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	16	16	0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z201 - Altmore  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Hexachlorobenzene	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4		0	0.000	7.290	7.590	7.770
Iron		S	4	4		1	25.000	12.700	92.800	313.200
Isoproturon	ug/l	AS	16	16		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4		0	0.000	< 0.000	< 0.040	< 0.090
MCPA	ug/l	AS	16	16		2	12.500	< 0.004	< 0.058	0.590
Malathion	ug/l	AS	16	16		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4		1	25.000	5.900	36.875	78.800
Mecoprop (MCP)	ug/l	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	16	16		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4		0	0.000	< 0.160	< 0.373	0.730
Nitrate		S	4	4		0	0.000	0.068	2.328	5.274
Nitrite		S	4	4		0	0.000	< 0.000	< 0.014	0.028
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	< 0.003	< 0.010
Parathion	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	4	4		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S	4	4		0	0.000	8.261	10.236	13.704
Sulphate		AS	16	16		0	0.000	1.438	34.926	76.421
Taste	Diln No	S	4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16		0	0.000	0.000	< 0.138	< 1.000
Tetrachloromethane	ug/l	AS	16	16		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12		0	0.000	0.050	0.901	2.080
Total Coliforms		S	12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	16	16		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16		0	0.000	1.110	2.373	5.668
Total Pesticides	ug/l	AS	16	16		1	6.250	0.000	0.065	0.591
Total Trihalomethanes	ug/l	S	12	11	200	0	0.000	5.800	81.727	142.000
Trifluralin	ug/l	AS	16	16		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4		0	0.000	0.240	0.535	0.840
op-DDT	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 2019

This zone has a surface water source :R2501

PCV Exceedances:

Sample failed 30-JAN-2006 (Z201AE) Iron = 313 ug Fe/.  
 Sample failed 09-AUG-2006 (W2501OUT) MCPA = 0.1600 ug/.  
 Sample failed 17-OCT-2006 (W2501OUT) MCPA = 0.5900 ug/.  
 Sample failed 16-MAY-2006 (Z201AE) Manganese = 79 ug Mn/l.  
 Sample failed 17-OCT-2006 (W2501OUT) Total Pesticides = 0.5910 ug/.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z201 - Altmore  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Water Supply Zone - Z202 - Altmore-Gortlenaghan  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	16	16		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16		0	0			
Aldrin	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	36	36	300	1	2.778	< 0.000	< 47.756	576.400
Ammonium		S	24	24		0	0.000	< 0.000	< 0.011	0.187
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	0.590	0.686	1.000
Asulam	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	16	16		0	0.000	< 26.000	< 30.875	41.000
Bromate	ug/l	S	8	8		0	0.000	< 0.950	< 1.050	1.600
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	0.003
Chlorfenvinphos	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16		0	0.000	12.480	16.869	21.656
Chlorpropham	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	48	48		0	0.000	0.000	0.000	0.000
Colony Counts 22		S	24	24		0	0.000	0.000	4.125	58.000
Colony Counts 37 (48hrs)		S	24	24		0	0.000	0.000	9.417	182.000
Colour		S	24	24		0	0.000	0.600	3.187	7.400
Conductivity		AS	48	48		0	0.000	168.600	345.883	470.000
Copper		S	8	8		0	0.000	< 0.000	< 0.014	0.055
Cyanide	ug CN/l	AS	16	16		0	0.000	< 0.270	< 4.857	20.000
Cypermethrin	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	0.006
Diazinon	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	0.022
Dichlorophen	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	16	16		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	48	48		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	32	32		0	0.000	< 0.000	< 0.073	0.250
Fluoride		AS	32	32		0	0.000	< 0.000	< 0.073	0.250
Flutriafol	ug/l	AS	16	16		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	48	48		0	0.000	< 0.000	< 0.620	1.790
Gamma-HCH (Lindane)	ug/l	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	16	16		0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	16	16		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z202 - Altmore-Gortlenaghan  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.250	7.495	7.870
Iron		S 24	24		3	12.500	< 3.700	< 87.946	1028.40
Isoproturon	ug/l	AS 16	16		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.709	2.090
MCPA	ug/l	AS 16	16		2	12.500	< 0.004	< 0.058	0.590
Malathion	ug/l	AS 16	16		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 7.558	48.600
Mecoprop (MCP)	ug/l	AS 16	16		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 16	16		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.535	1.600
Nitrate		S 8	8		0	0.000	1.676	3.039	4.634
Nitrite		S 8	8		0	0.000	< 0.000	< 0.017	0.051
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
Parathion	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.368	0.570
Simazine	ug/l	AS 16	16		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	6.916	10.925	13.873
Sulphate		AS 16	16		0	0.000	1.438	34.926	76.421
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 16	16		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 16	16		0	0.000	0.000	< 0.138	< 1.000
Tetrachloromethane	ug/l	AS 16	16		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 48	48		0	0.000	< 0.010	< 0.766	1.920
Total Coliforms		S 48	48		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 16	16		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 16	16		0	0.000	1.110	2.373	5.668
Total Pesticides	ug/l	AS 16	16		1	6.250	0.000	0.065	0.591
Total Trihalomethanes	ug/l	S 12	12	200	0	0.000	5.100	75.558	144.700
Trifluralin	ug/l	AS 16	16		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 16	16		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.100	0.314	1.200
op-DDT	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 16	16		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19724

This zone has a surface water source :R2501

PCV Exceedances:

Sample failed 04-DEC-2006 (Z202AE) Aluminium = 576 ug Al/.  
 Sample failed 31-JAN-2006 (Z202AE) Iron = 1028 ug Fe.  
 Sample failed 18-JUL-2006 (Z202AE) Iron = 262 ug Fe/.  
 Sample failed 13-DEC-2006 (Z202AE) Iron = 374 ug Fe/.  
 Sample failed 09-AUG-2006 (W2501OUT) MCPA = 0.1600 ug/.  
 Sample failed 17-OCT-2006 (W2501OUT) MCPA = 0.5900 ug/.  
 Sample failed 17-OCT-2006 (W2501OUT) Total Pesticides = 0.5910 ug/.

Water Supply Zone - Z202 - Altmore-Gortlenaghan  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z204 - Ballintemple  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 48	44		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 48	44		0	0			
Aldrin	ug/l	AS 48	44		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 12	12		1	8.333	< 0.000	< 40.292	294.100
Ammonium		S 12	12		0	0.000	< 0.000	< 0.004	0.025
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.390	0.646	0.830
Asulam	ug/l	AS 48	44		0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS 48	44		0	0.000	< 0.001	< 0.008	0.021
Azinphos methyl	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 48	44		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 48	44		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 48	44		0	0.000	< 26.000	< 31.068	71.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.431	3.000
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 48	44		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 48	44		0	0.000	9.502	21.112	28.369
Chlorpropham	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 48	44		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 48	44		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 464	450		15	3.333	0.000	0.051	4.000
Colony Counts 22		S 12	12		0	0.000	0.000	2.333	12.000
Colony Counts 37 (48hrs)		S 12	12		0	0.000	0.000	15.500	168.000
Colour		S 12	12		0	0.000	1.300	2.512	6.260
Conductivity		AS 464	451		0	0.000	69.700	240.959	401.400
Copper		S 8	8		0	0.000	< 0.000	< 0.008	0.039
Cyanide	ug CN/l	AS 48	44		0	0.000	< 0.660	< 3.422	8.000
Cypermethrin	ug/l	AS 48	44		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 48	44		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 48	44		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	0.036
Dichlorvos	ug/l	AS 48	44		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 48	44		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 48	44		0	0.000	< 0.006	< 0.014	0.030
Diuron	ug/l	AS 48	44		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 24	24		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 48	44		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 48	44		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 48	44		0	0.000	< 0.004	< 0.020	< 0.020
Fluoride		AS 88	80		0	0.000	< 0.000	< 0.063	0.890
Fluoride		AS 88	80		0	0.000	< 0.000	< 0.063	0.890
Flutriafol	ug/l	AS 48	44		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 24	24		0	0.000	< 0.010	< 0.623	1.730
Gamma-HCH (Lindane)	ug/l	AS 48	44		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 48	44		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 48	44		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 48	44		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z204 - Ballintemple  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	48	44	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	12	12	0	0.000	7.440	7.608	8.480
Iron		S	12	12	1	8.333	< 9.400	< 56.767	426.800
Isoproturon	ug/l	AS	48	44	0	0.000	< 0.013	< 0.013	0.014
Lead		S	8	8	0	0.000	< 0.004	< 0.914	6.010
MCPA	ug/l	AS	48	44	1	2.273	< 0.004	< 0.008	0.140
Malathion	ug/l	AS	48	44	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	12	12	1	8.333	< 0.000	< 12.258	129.900
Mecoprop (MCP)	ug/l	AS	48	44	0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS	48	44	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.160	< 0.669	2.000
Nitrate		S	8	8	0	0.000	1.246	3.379	6.842
Nitrite		S	8	8	0	0.000	< 0.000	< 0.005	0.019
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS	48	44	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	48	44	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	48	44	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	48	44	0	0.000	< 0.002	< 0.005	0.014
Sodium		S	8	8	0	0.000	10.716	12.330	14.736
Sulphate		AS	48	44	0	0.000	< 0.000	< 17.153	36.770
Taste	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	48	44	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	48	44	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	48	44	0	0.000	0.000	< 0.114	< 1.000
Tetrachloromethane	ug/l	AS	48	44	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	24	24	0	0.000	0.020	0.735	1.790
Total Coliforms		S	24	24	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	48	44	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	48	44	0	0.000	0.200	3.832	7.100
Total Pesticides	ug/l	AS	48	44	0	0.000	< 0.000	< 0.023	0.149
Total Trihalomethanes	ug/l	S	8	8	0	0.000	25.700	57.150	78.600
Trifluralin	ug/l	AS	48	44	0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	48	44	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	12	12	0	0.000	0.110	0.513	4.000
op-DDT	ug/l	AS	48	44	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	48	44	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9600

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 21-MAR-2006 (Z204AE) Aluminium = 294 ug Al/.  
 Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 21-MAR-2006 (Z204AE) Iron = 427 ug Fe/.  
 Sample failed 30-OCT-2006 (W2706OUT) MCPA = 0.1400 ug/.  
 Sample failed 21-MAR-2006 (Z204AE) Manganese = 130 ug Mn/.

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z204 - Ballintemple  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z208 - Castor Bay  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS 24	24		0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	< 0.000	< 7.813	18.800
Ammonium		S 24	24		0	0.000	< 0.000	< 0.015	0.139
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.780	1.089	1.600
Asulam	ug/l	AS 24	24		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 24	24		0	0.000	0.005	0.012	0.021
Azinphos methyl	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	24		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	24		0	0.000	< 26.000	< 31.042	44.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.381	3.400
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 24	24		0	0.000	24.725	25.977	28.369
Chlorpropham	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 312	311		15	4.823	0.000	0.074	4.000
Colony Counts 22		S 24	24		0	0.000	0.000	7.583	98.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	1.083	6.000
Colour		S 24	24		0	0.000	0.990	4.488	16.300
Conductivity		AS 312	312		0	0.000	258.800	299.233	401.400
Copper		S 8	8		0	0.000	0.007	0.027	0.058
Cyanide	ug CN/l	AS 24	24		0	0.000	1.100	3.858	8.000
Cypermethrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	24		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 48	48		0	0.000	< 0.000	< 0.051	0.101
Flutriafol	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 36	36		0	0.000	0.040	0.397	0.990
Gamma-HCH (Lindane)	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z208 - Castor Bay  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	6.990	7.372	7.790
Iron		S 24	24		0	0.000	< 0.000	< 19.663	84.700
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	0.014
Lead		S 8	8		0	0.000	< 0.000	< 0.698	2.030
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 1.475	6.100
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.620	1.234	3.700
Nitrate		S 8	8		0	0.000	1.579	3.718	8.148
Nitrite		S 8	8		0	0.000	< 0.000	< 0.009	0.038
Odour	Diln No	S 24	23		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.007	0.014
Sodium		S 8	8		0	0.000	12.594	13.794	14.608
Sulphate		AS 24	24		0	0.000	< 0.000	< 14.649	22.721
Taste	Diln No	S 24	23		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	0.000	< 0.083	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.080	0.572	1.080
Total Coliforms		S 36	36		1	2.778	0.000	0.083	3.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	3.701	5.199	7.000
Total Pesticides	ug/l	AS 24	24		0	0.000	0.009	0.028	0.057
Total Trihalomethanes	ug/l	S 12	12		200	0.000	40.500	106.791	175.700
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.110	0.233	0.420
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 13000

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 15-MAY-2006 (Z208AE) Total Coliforms = 3 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z208 - Castor Bay  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z209 - Castor Bay-Shanmoy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 32	32		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 32	32		0	0			
Aldrin	ug/l	AS 32	32		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	< 0.000	< 4.317	18.700
Ammonium		S 24	24		0	0.000	< 0.000	< 0.010	0.063
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.210	0.745	1.300
Asulam	ug/l	AS 32	32		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 32	32		0	0.000	< 0.001	< 0.010	0.021
Azinphos methyl	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 32	32		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 32	32		0	0.000	< 26.000	< 31.406	54.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.013	1.300
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 32	32		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 32	32		0	0.000	20.572	25.092	28.369
Chlorpropham	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 32	32		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 32	32		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 336	335		15	4.478	0.000	0.069	4.000
Colony Counts 22		S 24	24		0	0.000	0.000	4.708	105.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	1.125	22.000
Colour		S 24	24		0	0.000	0.990	2.557	11.300
Conductivity		AS 336	336		0	0.000	258.800	325.036	698.000
Copper		S 8	8		0	0.000	< 0.002	< 0.033	0.096
Cyanide	ug CN/l	AS 32	32		0	0.000	< 0.270	< 3.141	8.000
Cypermethrin	ug/l	AS 32	32		0	0.000	< 0.004	< 0.005	0.028
Diazinon	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 32	32		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 32	32		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 32	32		0	0.000	< 0.006	< 0.012	0.030
Diuron	ug/l	AS 32	32		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 60	60		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 32	32		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 32	32		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 64	64		0	0.000	< 0.000	< 0.053	0.131
Fluoride		AS 64	64		0	0.000	< 0.000	< 0.053	0.131
Flutriafol	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 60	60		0	0.000	0.020	0.730	1.250
Gamma-HCH (Lindane)	ug/l	AS 32	32		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 32	32		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 32	32		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z209 - Castor Bay-Shanmoy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	6.980	7.329	7.650
Iron		S 24	24		0	0.000	< 0.000	< 17.625	107.200
Isoproturon	ug/l	AS 32	32		0	0.000	< 0.013	< 0.013	0.014
Lead		S 8	8		0	0.000	< 0.000	< 0.188	< 1.400
MCPA	ug/l	AS 32	32		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 32	32		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 3.083	22.400
Mecoprop (MCP)	ug/l	AS 32	32		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 32	32		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.465	0.750
Nitrate		S 8	8		0	0.000	2.588	5.256	11.281
Nitrite		S 8	8		0	0.000	< 0.000	< 0.009	0.019
Odour	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.355	0.510
Simazine	ug/l	AS 32	32		0	0.000	< 0.002	< 0.006	0.014
Sodium		S 8	8		0	0.000	5.859	12.523	14.623
Sulphate		AS 32	32		0	0.000	< 0.000	< 23.585	59.764
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 32	32		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 32	32		0	0.000	0.000	< 0.094	< 1.000
Tetrachloromethane	ug/l	AS 32	32		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 60	60		0	0.000	0.050	0.903	1.860
Total Coliforms		S 60	60		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 32	32		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 32	32		0	0.000	0.460	4.328	7.000
Total Pesticides	ug/l	AS 32	32		0	0.000	0.000	0.024	0.057
Total Trihalomethanes	ug/l	S 12	12		200	1	8.333	10.000	99.194
Trifluralin	ug/l	AS 32	32		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 32	32		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.060	0.206	0.710
op-DDT	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21619

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 21-FEB-2006 (Z209AE) Total Trihalomethanes = 392.0 ug/l.

Water Supply Zone - Z209 - Castor Bay-Shanmoy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z210 - Clay Lake  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	12	12	0	0.000	< 0.000	< 10.542	54.100
Ammonium		S	12	12	0	0.000	< 0.000	< 0.016	0.037
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.660	1.284	3.500
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	0.002	0.005	0.016
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 31.625	36.000
Bromate	ug/l	S	8	8	6	75.000	< 0.950	< 19.456	66.000
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.018	0.021
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	25.753	26.863	28.282
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	12	12	0	0.000	0.000	1.417	7.000
Colony Counts 37 (48hrs)		S	12	12	0	0.000	0.000	1.917	13.000
Colour		S	12	12	1	8.333	5.300	11.404	36.500
Conductivity		AS	24	24	0	0.000	222.300	237.750	272.000
Copper		S	8	8	0	0.000	< 0.000	< 0.018	0.059
Cyanide	ug CN/l	AS	8	8	0	0.000	2.000	5.113	7.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	0.016
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.015	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	24	24	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.000	< 0.055	0.194
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	24	24	0	0.000	< 0.000	< 0.398	1.670
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Heptachlor epoxide	ug/l	AS	8	8	0	0.000	< 0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z210 - Clay Lake  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 12	12		0	0.000	7.220	7.393	7.490
Iron		S 12	12		1	8.333	< 10.400	< 59.600	405.700
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.469	2.310
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.009	0.024
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 12	12		0	0.000	< 0.300	< 7.958	29.000
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 3.283	4.600
Nitrate		S 8	8		0	0.000	0.076	2.520	4.699
Nitrite		S 8	8		0	0.000	< 0.000	< 0.006	0.024
Odour	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.311	0.320
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.004	0.006
Sodium		S 8	8		0	0.000	13.854	17.628	28.641
Sulphate		AS 8	8		0	0.000	16.035	17.446	19.612
Taste	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	< 0.000	< 0.154	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 24	24		0	0.000	< 0.000	< 0.570	1.800
Total Coliforms		S 24	24		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	6.080	7.022	8.321
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.007	< 0.025	< 0.046
Total Trihalomethanes	ug/l	S 24	11	150	7	63.636	46.100	128.936	213.400
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 12	12		0	0.000	0.150	0.359	1.180
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9137

This zone has a surface water source :R2509

PCV Exceedances:

Sample failed 10-JAN-2006 (Z210AE) Bromate = 66.00 ug/l.  
 Sample failed 06-FEB-2006 (Z210AE) Bromate = 23.00 ug/l.  
 Sample failed 22-MAR-2006 (Z210AE) Bromate = 21.0000 ug.  
 Sample failed 17-JUL-2006 (Z210AE) Bromate = 14.0000 ug.  
 Sample failed 07-AUG-2006 (Z210AE) Bromate = 12.0000 ug.  
 Sample failed 02-OCT-2006 (Z210AE) Bromate = 17.0000 ug.  
 Sample failed 07-JUN-2006 (Z210AE) Colour = 36.5 mg/l.  
 Sample failed 13-APR-2006 (Z210AE) Iron = 406 ug Fe/.  
 Sample failed 10-JAN-2006 (Z210AE) Total Trihalomethanes = 118.8 ug/l.  
 Sample failed 06-FEB-2006 (Z210AE) Total Trihalomethanes = 104.3 ug/l.  
 Sample failed 13-APR-2006 (Z210AE) Total Trihalomethanes = 128.1 ug/l.  
 Sample failed 07-AUG-2006 (Z210AE) Total Trihalomethanes = 145.1 ug/l.  
 Sample failed 11-SEP-2006 (Z210AE) Total Trihalomethanes = 165.3 ug/l.  
 Sample failed 15-NOV-2006 (Z210AE) Total Trihalomethanes = 213.4 ug/l.  
 Sample failed 22-NOV-2006 (Z210AE) Total Trihalomethanes = 189.7 ug/l.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z210 - Clay Lake  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z211 - Fofanny-Ballymaconaghy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 16	9		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 16	16		0	0			
Aldrin	ug/l	AS 16	9		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24	400	0	0.000	< 9.100	< 38.029	78.400
Ammonium		S 12	12		0	0.000	< 0.000	< 0.000	< 0.000
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.365	0.630
Asulam	ug/l	AS 16	9		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 16	9		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 16	9		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 16	9		0	0.000	< 26.000	< 28.778	< 34.000
Bromate	ug/l	S 8	8		1	12.500	< 0.950	< 4.638	13.000
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.032	0.140
Carbendazim	ug/l	AS 16	9		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 16	10		0	0.000	9.502	11.201	14.268
Chlorpropham	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 16	9		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 16	9		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 116	110		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 12	12		0	0.000	0.000	2.083	11.000
Colony Counts 37 (48hrs)		S 12	12		0	0.000	0.000	0.000	0.000
Colour		S 12	12		0	0.000	0.600	1.583	3.500
Conductivity		AS 116	110		0	0.000	69.700	87.211	113.500
Copper		S 8	8		0	0.000	< 0.001	< 0.012	0.025
Cyanide	ug CN/l	AS 16	9		0	0.000	1.000	2.478	4.000
Cypermethrin	ug/l	AS 16	9		0	0.000	< 0.004	< 0.004	0.007
Diazinon	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 16	9		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 16	9		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 16	9		0	0.000	< 0.006	< 0.014	< 0.020
Diuron	ug/l	AS 16	9		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 24	24		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 16	9		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 16	9		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 24	12		0	0.000	< 0.000	< 0.099	0.890
Flutriafol	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 24	24		0	0.000	0.030	1.238	2.800
Gamma-HCH (Lindane)	ug/l	AS 16	9		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 16	9		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 16	9		0	0.000	< 0.000	< 0.000	< 0.003

Water Supply Zone - Z211 - Fofanny-Ballymaconaghy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 12	12		0	0.000	6.840	7.263	8.370
Iron		S 12	12		0	0.000	< 0.000	< 25.450	155.500
Isoproturon	ug/l	AS 16	9		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.491	7.010
MCPA	ug/l	AS 16	9		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 16	9		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 12	12		0	0.000	< 0.000	< 1.675	9.800
Mecoprop (MCP)	ug/l	AS 16	9		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 16	9		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.386	1.900
Nitrate		S 8	8		0	0.000	0.495	1.177	4.148
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.036
Odour	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	5.534	7.646	14.777
Sulphate		AS 16	10		0	0.000	14.432	18.870	36.770
Taste	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 16	9		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 16	9		0	0.000	< 0.000	< 0.111	< 1.000
Tetrachloromethane	ug/l	AS 16	9		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 24	24		0	0.000	0.110	1.348	2.910
Total Coliforms		S 24	24		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 16	9		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 16	10		0	0.000	0.200	1.187	2.246
Total Pesticides	ug/l	AS 16	9		0	0.000	0.000	< 0.008	< 0.050
Total Trihalomethanes	ug/l	S 12	12		250	0.000	22.500	58.908	83.600
Trifluralin	ug/l	AS 16	9		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 16	9		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 12	12		0	0.000	0.090	0.153	0.350
op-DDT	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 8900

This zone has a surface water source :R2704

PCV Exceedances:

Sample failed 17-JUL-2006 (Z211AE) Bromate = 13.0000 ug.

Water Supply Zone - Z211 - Fofanny-Ballymaconaghy  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z212 - Fofanny-Banbridge  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	32	32		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	32	32		0	0			
Aldrin	ug/l	AS	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	48	48	400	0	0.000	< 1.500	< 39.508	113.700
Ammonium		S	36	36		0	0.000	< 0.000	< 0.006	0.037
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	< 0.170	< 0.403	0.700
Asulam	ug/l	AS	32	32		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS	32	32		0	0.000	< 0.001	< 0.010	0.021
Azinphos methyl	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	32	32		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	32	32		0	0.000	< 26.000	< 30.313	44.000
Bromate	ug/l	S	8	8		1	12.500	< 0.950	< 5.744	16.000
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.025	0.078
Carbendazim	ug/l	AS	32	32		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	32	32		0	0.000	9.502	22.307	28.369
Chlorpropham	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	32	32		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	32	32		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS	416	416	15	3.606	0.000	0.000	0.055	4.000
Colony Counts 22		S	36	36		0	0.000	0.000	9.028	150.000
Colony Counts 37 (48hrs)		S	36	36		0	0.000	0.000	5.972	140.000
Colour		S	36	36		0	0.000	< 0.000	< 1.607	10.100
Conductivity		AS	416	417		0	0.000	69.700	245.880	401.400
Copper		S	8	8		0	0.000	< 0.000	< 0.017	0.119
Cyanide	ug CN/l	AS	32	32		0	0.000	1.000	3.525	8.000
Cypermethrin	ug/l	AS	32	32		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	32	32		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	32	32		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	32	32		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS	32	32		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	84	84		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	32	32		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	64	64		0	0.000	< 0.000	< 0.074	0.890
Fluoride		AS	64	64		0	0.000	< 0.000	< 0.074	0.890
Flutriafol	ug/l	AS	32	32		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	84	84		0	0.000	< 0.010	< 0.520	1.690
Gamma-HCH (Lindane)	ug/l	AS	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	32	32		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	32	32		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z212 - Fofanny-Banbridge  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	6.730	7.732	9.290
Iron		S 36	36		0	0.000	< 0.000	< 22.967	154.800
Isoproturon	ug/l	AS 32	32		0	0.000	< 0.013	< 0.013	0.014
Lead		S 8	8		0	0.000	< 0.000	< 0.599	1.640
MCPA	ug/l	AS 32	32		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 32	32		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		1	2.778	< 0.000	< 8.444	277.200
Mecoprop (MCP)	ug/l	AS 32	32		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 32	32		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.219	0.330
Nitrate		S 8	8		0	0.000	0.417	3.541	22.092
Nitrite		S 8	8		0	0.000	< 0.000	< 0.022	0.073
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
Parathion	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 32	32		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.335	0.510
Simazine	ug/l	AS 32	32		0	0.000	< 0.002	< 0.006	0.014
Sodium		S 8	8		0	0.000	5.782	8.036	16.678
Sulphate		AS 32	32		0	0.000	< 0.000	< 15.978	36.770
Taste	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 32	32		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 32	32		0	0.000	0.000	< 0.094	< 1.000
Tetrachloromethane	ug/l	AS 32	32		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 84	84		0	0.000	0.040	0.614	1.810
Total Coliforms		S 84	84		2	2.381	0.000	0.048	2.000
Total Indicative Dose	mSv/year	AS 32	32		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 32	32		0	0.000	0.200	4.202	7.000
Total Pesticides	ug/l	AS 32	32		0	0.000	0.000	0.023	0.057
Total Trihalomethanes	ug/l	S 12	12		250	0.000	25.800	45.681	101.000
Trifluralin	ug/l	AS 32	32		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 32	32		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 36	36		0	0.000	0.070	0.159	0.550
op-DDT	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 32	32		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29275

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 18-JUL-2006 (Z212AE) Bromate = 16.0000 ug.  
 Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAY-2006 (Z212AE) Manganese = 277 ug Mn/.  
 Sample failed 11-SEP-2006 (Z212AE) Total Coliforms = 2 No./100m.  
 Sample failed 28-NOV-2006 (Z212AE) Total Coliforms = 2 No./100m.

Water Supply Zone - Z212 - Fofanny-Banbridge  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z213 - Fofanny-Newry  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	40	40		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	40	40		0	0			
Aldrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	48	48	400	0	0.000	< 0.000	< 29.942	121.100
Ammonium		S	36	36		0	0.000	< 0.000	< 0.010	0.109
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	0.200	0.515	1.100
Asulam	ug/l	AS	40	40		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS	40	40		0	0.000	< 0.001	< 0.008	0.021
Azinphos methyl	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	40	40		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	40	40		0	0.000	< 26.000	< 30.050	44.000
Bromate	ug/l	S	8	8		0	0.000	< 0.950	< 3.450	7.300
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	40	40		0	0.000	9.502	21.331	28.369
Chlorpropham	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	40	40		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS	440	440	15	3.409	0.000	0.000	0.052	4.000
Colony Counts 22		S	36	36		0	0.000	0.000	7.861	150.000
Colony Counts 37 (48hrs)		S	36	36		0	0.000	0.000	3.389	46.000
Colour		S	36	36		0	0.000	< 0.000	< 1.598	4.600
Conductivity		AS	440	441		0	0.000	69.700	242.024	401.400
Copper		S	8	8		0	0.000	< 0.000	< 0.002	0.005
Cyanide	ug CN/l	AS	40	40		0	0.000	< 0.660	< 3.374	8.000
Cypermethrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	0.036
Dichlorvos	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	40	40		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS	40	40		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	120	120		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.020	< 0.020
Fluoride		AS	80	80		0	0.000	< 0.000	< 0.068	0.890
Fluoride		AS	80	80		0	0.000	< 0.000	< 0.068	0.890
Flutriafol	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	120	120		0	0.000	0.030	0.705	1.800
Gamma-HCH (Lindane)	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	40	40		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	40	40		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z213 - Pofanny-Newry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Hexachlorobenzene	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	36	36		0	0.000	7.040	7.612	8.690
Iron		S	36	36		0	0.000	< 0.000	< 28.728	197.600
Isoproturon	ug/l	AS	40	40		0	0.000	< 0.013	< 0.013	0.014
Lead		S	8	8		0	0.000	< 0.000	< 0.266	< 0.780
MCPA	ug/l	AS	40	40		1	2.500	< 0.004	< 0.008	0.140
Malathion	ug/l	AS	40	40		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	36	36		0	0.000	< 0.000	< 1.075	4.700
Mecoprop (MCPP)	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS	40	40		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.160	< 0.451	0.770
Nitrate		S	8	8		0	0.000	0.416	1.824	4.933
Nitrite		S	8	8		0	0.000	< 0.000	< 0.010	0.030
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
Parathion	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	40	40		0	0.000	< 0.002	< 0.005	0.014
Sodium		S	8	8		0	0.000	6.035	10.107	14.867
Sulphate		AS	40	40		0	0.000	< 0.000	< 17.297	36.770
Taste	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	40	40		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	40	40		0	0.000	0.000	< 0.100	< 1.000
Tetrachloromethane	ug/l	AS	40	40		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	120	120		0	0.000	0.060	0.839	1.850
Total Coliforms		S	120	120		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	40	40		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	40	40	400	0	0.000	0.200	3.922	7.100
Total Pesticides	ug/l	AS	40	40		0	0.000	< 0.000	< 0.024	0.149
Total Trihalomethanes	ug/l	S	24	24	250	0	0.000	17.500	51.941	97.100
Trifluralin	ug/l	AS	40	40		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	40	40		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	36	36		0	0.000	0.070	0.178	0.402
op-DDT	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 45900

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-OCT-2006 (W2706OUT) MCPA = 0.1400 ug/.

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z213 - Pofanny-Newry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z214 - Lough Ross  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	16	9		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	9		0	0			
Aldrin	ug/l	AS	16	9		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24		1	4.167	< 0.000	< 20.946	225.300
Ammonium		S	24	24		0	0.000	< 0.000	< 0.007	0.080
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	0.500	0.940	1.500
Asulam	ug/l	AS	16	9		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	16	9		0	0.000	0.001	0.002	0.005
Azinphos methyl	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	9		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	9		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		1	12.500	< 0.001	< 0.003	0.019
Boron	ug B/l	AS	16	9		0	0.000	< 26.000	< 29.778	< 34.000
Bromate	ug/l	S	8	8		0	0.000	1.300	2.725	4.200
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.022	0.041
Carbendazim	ug/l	AS	16	9		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	9		0	0.000	17.097	25.845	35.771
Chlorpropham	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	9		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	9		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	72	35		1	2.857	0.000	0.171	6.000
Colony Counts 22		S	24	24		0	0.000	0.000	8.458	122.000
Colony Counts 37 (48hrs)		S	24	24		0	0.000	0.000	7.250	161.000
Colour		S	24	24		0	0.000	0.900	7.213	13.300
Conductivity		AS	72	35		0	0.000	226.000	259.589	313.000
Copper		S	8	8		0	0.000	0.005	0.046	0.122
Cyanide	ug CN/l	AS	16	9		0	0.000	1.300	2.800	4.200
Cypermethrin	ug/l	AS	16	9		0	0.000	< 0.004	< 0.007	0.028
Diazinon	ug/l	AS	16	9		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	9		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	9		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	9		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	8		0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	16	9		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	9		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	9		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	16	9		0	0.000	< 0.004	< 0.018	< 0.020
Fluoride		AS	24	16		0	0.000	< 0.008	< 0.178	0.852
Flutriafol	ug/l	AS	16	9		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	36	36		0	0.000	0.060	0.677	1.950
Gamma-HCH (Lindane)	ug/l	AS	16	9		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	9		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	16	9		0	0.000	< 0.002	< 0.002	0.005
Heptachlor epoxide	ug/l	AS	16	9		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z214 - Lough Ross  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.210	7.478	8.130
Iron		S 24	24		1	4.167	< 0.200	< 59.929	676.600
Isoproturon	ug/l	AS 16	9		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.114	3.170
MCPA	ug/l	AS 16	9		0	0.000	< 0.004	< 0.010	0.029
Malathion	ug/l	AS 16	9		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		3	12.500	< 0.000	< 14.904	116.300
Mecoprop (MCP)	ug/l	AS 16	9		0	0.000	< 0.006	< 0.012	0.040
Mercury	ug Hg/l	AS 16	9		0	0.000	0.000	< 0.033	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.620	2.808	5.000
Nitrate		S 8	8		0	0.000	0.263	3.842	8.549
Nitrite		S 8	8		0	0.000	< 0.000	< 0.014	0.039
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	< 0.003	< 0.010
Parathion	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.319	0.380
Simazine	ug/l	AS 16	9		0	0.000	< 0.002	< 0.002	0.006
Sodium		S 8	8		0	0.000	10.686	15.101	23.224
Sulphate		AS 16	9		0	0.000	15.592	28.984	61.636
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 16	9		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 16	9		0	0.000	0.000	< 0.111	< 1.000
Tetrachloromethane	ug/l	AS 16	9		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.100	0.856	2.250
Total Coliforms		S 36	36		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 16	9		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 16	9		0	0.000	3.430	6.569	8.210
Total Pesticides	ug/l	AS 16	9		0	0.000	< 0.004	< 0.025	0.087
Total Trihalomethanes	ug/l	S 12	12	250	0	0.000	26.600	93.218	165.000
Trifluralin	ug/l	AS 16	9		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 16	9		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.100	0.472	2.140
op-DDT	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 16	9		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 15177

PCV Exceedances:

Sample failed 21-JUL-2006 (Z214AE) Aluminium = 225 ug Al/.  
 Sample failed 05-DEC-2006 (Z214AE) Benzo 3 4 pyrene = 0.01900 ug.  
 Sample failed 08-MAY-2006 (W2707OUT) Clostridium perfringens (sulph red) = 6 No./100.  
 Sample failed 05-DEC-2006 (Z214AE) Iron = 677 ug Fe/.  
 Sample failed 25-JUL-2006 (Z214AE) Manganese = 112 ug Mn/.  
 Sample failed 09-AUG-2006 (Z214AE) Manganese = 81 ug Mn/l.  
 Sample failed 11-AUG-2006 (Z214AE) Manganese = 116 ug Mn/.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z214 - Lough Ross  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z217 - Newry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	40	40		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	40	40		0	0			
Aldrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	36	36	400	0	0.000	< 10.100	< 41.381	91.800
Ammonium		S	24	24		0	0.000	< 0.000	< 0.007	0.060
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	< 0.170	< 0.356	0.700
Asulam	ug/l	AS	40	40		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS	40	40		0	0.000	< 0.001	< 0.008	0.021
Azinphos methyl	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	40	40		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	40	40		0	0.000	< 26.000	< 30.050	44.000
Bromate	ug/l	S	8	8		0	0.000	< 0.950	< 4.456	6.700
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.018	0.025
Carbendazim	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	40	40		0	0.000	9.502	21.331	28.369
Chlorpropham	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	40	40		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS	440	440	15	3.409	0.000	0.000	0.052	4.000
Colony Counts 22		S	24	24		0	0.000	0.000	32.708	640.000
Colony Counts 37 (48hrs)		S	24	24		0	0.000	0.000	4.333	59.000
Colour		S	24	24	1	4.167	< 0.000	< 3.383	34.200	34.200
Conductivity		AS	440	441		0	0.000	69.700	242.024	401.400
Copper		S	8	8		0	0.000	< 0.000	< 0.010	0.027
Cyanide	ug CN/l	AS	40	40		0	0.000	< 0.660	< 3.374	8.000
Cypermethrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	0.036
Dichlorvos	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	40	40		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS	40	40		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	40	40		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	40	40		0	0.000	< 0.004	< 0.020	< 0.020
Fluoride		AS	80	80		0	0.000	< 0.000	< 0.068	0.890
Fluoride		AS	80	80		0	0.000	< 0.000	< 0.068	0.890
Flutriafol	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	36	36		0	0.000	0.070	0.878	1.810
Gamma-HCH (Lindane)	ug/l	AS	40	40		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	40	40		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	40	40		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z217 - Newry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Hexachlorobenzene	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	24	24		1	4.167	6.410	7.291	8.360
Iron		S	24	24		1	4.167	< 10.400	< 54.338	353.300
Isoproturon	ug/l	AS	40	40		0	0.000	< 0.013	< 0.013	0.014
Lead		S	8	8		0	0.000	< 0.000	< 2.568	15.780
MCPA	ug/l	AS	40	40		1	2.500	< 0.004	< 0.008	0.140
Malathion	ug/l	AS	40	40		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	24	24		0	0.000	< 0.000	< 2.467	14.600
Mecoprop (MCP)	ug/l	AS	40	40		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS	40	40		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.160	< 0.451	1.900
Nitrate		S	8	8		0	0.000	0.638	2.739	14.850
Nitrite		S	8	8		0	0.000	< 0.000	< 0.005	0.028
Odour	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	40	40		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	40	40		0	0.000	< 0.002	< 0.005	0.014
Sodium		S	8	8		0	0.000	5.534	7.701	14.074
Sulphate		AS	40	40		0	0.000	< 0.000	< 17.297	36.770
Taste	Diln No	S	24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	40	40		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	40	40		0	0.000	0.000	< 0.100	< 1.000
Tetrachloromethane	ug/l	AS	40	40		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	36	36		0	0.000	0.100	1.016	1.990
Total Coliforms		S	36	36		1	2.778	0.000	0.056	2.000
Total Indicative Dose	mSv/year	AS	40	40		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	40	40		0	0.000	0.200	3.922	7.100
Total Pesticides	ug/l	AS	40	40		0	0.000	< 0.000	< 0.024	0.149
Total Trihalomethanes	ug/l	S	12	12	250	0	0.000	19.000	36.526	56.700
Trifluralin	ug/l	AS	40	40		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	40	40		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	24	24		1	4.167	0.080	0.350	4.070
op-DDT	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	40	40		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 13100

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 08-MAY-2006 (Z217AE) Colour = 34.2 mg/l.  
 Sample failed 08-MAY-2006 (Z217AE) Hydrogen Ion = 6.41 pH va.  
 Sample failed 08-MAY-2006 (Z217AE) Iron = 353 ug Fe/.  
 Sample failed 30-OCT-2006 (W2706OUT) MCPA = 0.1400 ug/.  
 Sample failed 25-JUL-2006 (Z217AE) Total Coliforms = 2 No./100m.  
 Sample failed 08-MAY-2006 (Z217AE) Turbidity = 4.07 NTU.

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Water Supply Zone - Z217 - Newry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z218 - Richhill  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	24		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	4	4		0	0.000	< 2.300	< 5.800	< 8.500
Ammonium	S	4	4		0	0.000	< 0.000	< 0.010	0.038
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.720	1.005	1.400
Asulam	ug/l	AS 24	24		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 24	24		0	0.000	0.005	0.012	0.021
Azinphos methyl	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	24		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	24		0	0.000	< 26.000	< 31.042	44.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 1.325	2.000
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	24		0	0.000	24.725	25.977	28.369
Chlorpropham	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 312	311		15	4.823	0.000	0.074	4.000
Colony Counts 22	S	4	4		0	0.000	0.000	1.750	7.000
Colony Counts 37 (48hrs)	S	4	4		0	0.000	0.000	1.000	3.000
Colour	S	4	4		0	0.000	1.510	4.153	6.200
Conductivity	AS	312	312		0	0.000	258.800	299.233	401.400
Copper	S	4	4		0	0.000	0.017	0.028	0.042
Cyanide	ug CN/l	AS 24	24		0	0.000	1.100	3.858	8.000
Cypermethrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	24		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	48	48		0	0.000	< 0.000	< 0.051	0.101
Flutriafol	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	12	12		0	0.000	0.150	0.507	0.910
Gamma-HCH (Lindane)	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z218 - Richhill  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		0	0.000	7.240	7.325	7.370
Iron		S 4	4		0	0.000	< 4.600	< 10.450	13.100
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	0.014
Lead		S 4	4		0	0.000	< 0.000	< 0.098	< 0.390
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 2.625	8.900
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	0.810	1.278	1.900
Nitrate		S 4	4		0	0.000	1.216	4.286	9.312
Nitrite		S 4	4		0	0.000	< 0.000	< 0.013	0.019
Odour	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 4	4		0	0.000	0.000	0.000	0.000
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.335	0.410
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.007	0.014
Sodium		S 4	4		0	0.000	12.860	13.482	13.878
Sulphate		AS 24	24		0	0.000	< 0.000	< 14.649	22.721
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	0.000	< 0.083	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.230	0.609	1.080
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	3.701	5.199	7.000
Total Pesticides	ug/l	AS 24	24		0	0.000	0.009	0.028	0.057
Total Trihalomethanes	ug/l	S 12	12		200	0.000	44.200	85.491	141.600
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 4	4		0	0.000	0.120	0.195	0.270
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4300

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z218 - Richhill  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z219 - Seagahan  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	36	36	0	0.000	< 0.000	< 11.281	24.900	
Ammonium	S	36	36	0	0.000	< 0.000	< 0.017	0.103	
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.790	1.024	1.400
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	8	8	0	0.000	0.001	0.004	0.006
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 46.625	90.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.969	< 1.100
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.020	0.038
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	8	8	0	0.000	19.045	24.716	27.766
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	52	52	0	0.000	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36	0	0.000	0.000	6.528	94.000	
Colony Counts 37 (48hrs)	S	36	36	0	0.000	0.000	3.722	60.000	
Colour	S	36	36	1	2.778	2.900	11.448	22.700	
Conductivity	AS	52	52	0	0.000	198.900	232.013	262.000	
Copper	S	8	8	0	0.000	< 0.001	< 0.047	0.231	
Cyanide	ug CN/l	AS	8	8	0	0.000	2.800	4.400	7.600
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	96	96	0	0.000	0.000	0.000	0.000	
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	16	16	0	0.000	< 0.000	< 0.157	0.853	
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	96	96	0	0.000	< 0.010	< 0.531	1.730	
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z219 - Seagahan  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	6.740	7.058	8.200
Iron		S 36	36		0	0.000	< 4.300	< 57.253	145.100
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.033	2.730
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.005	0.015
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		0	0.000	< 0.000	< 1.125	5.400
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.790	3.511	4.600
Nitrate		S 8	8		0	0.000	1.612	5.073	8.859
Nitrite		S 8	8		0	0.000	< 0.000	< 0.011	0.047
Odour	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.339	0.450
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 8	8		0	0.000	9.274	10.338	12.294
Sulphate		AS 8	8		0	0.000	16.296	20.986	36.188
Taste	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 96	96		0	0.000	0.020	0.725	2.140
Total Coliforms		S 96	96		1	1.042	0.000	0.010	1.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	7.619	8.579	9.991
Total Pesticides	ug/l	AS 8	8		0	0.000	0.002	< 0.010	< 0.030
Total Trihalomethanes	ug/l	S 24	24		250	0.000	50.300	135.038	216.800
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 36	36		0	0.000	0.140	0.286	0.640
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38987

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 07-JUN-2006 (Z219AE) Colour = 22.7 mg/l.

Sample failed 09-AUG-2006 (Z219AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z219 - Seagahan  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Water Supply Zone - Z220 - Silent Valley South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 16	11		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 16	16		0	0			
Aldrin	ug/l	AS 16	11		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	12	12	400	0	0.000	14.000	102.550	259.500
Ammonium	S	4	4		0	0.000	< 0.000	< 0.007	0.029
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.300	0.415	0.600
Asulam	ug/l	AS 16	11		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 16	11		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 16	11		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 16	11		0	0.000	< 26.000	< 29.000	< 34.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 4.113	9.800
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.040	0.100
Carbendazim	ug/l	AS 16	11		0	0.000	< 0.003	< 0.003	0.004
Chlorfenvinphos	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 16	11		0	0.000	2.813	10.294	14.268
Chlorpropham	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 16	11		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 16	11		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	128	114		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	4	4		0	0.000	0.000	2.250	9.000
Colony Counts 37 (48hrs)	S	4	4		0	0.000	0.000	3.000	6.000
Colour	S	4	4		0	0.000	< 0.300	< 2.685	7.240
Conductivity	AS	128	114		0	0.000	55.180	85.915	113.500
Copper	S	4	4		0	0.000	< 0.000	< 0.007	0.022
Cyanide	ug CN/l	AS 16	11		0	0.000	1.000	3.345	11.000
Cypermethrin	ug/l	AS 16	11		0	0.000	< 0.004	< 0.004	0.007
Diazinon	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 16	11		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 16	11		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 16	11		0	0.000	< 0.006	< 0.015	< 0.020
Diuron	ug/l	AS 16	11		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 16	11		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 16	11		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	24	14		0	0.000	< 0.000	< 0.123	0.890
Flutriafol	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	12	12		0	0.000	0.070	0.767	1.700
Gamma-HCH (Lindane)	ug/l	AS 16	11		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 16	11		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 16	11		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z220 - Silent Valley South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		1	25.000	6.180	7.168	7.680
Iron		S 4	4		0	0.000	< 0.000	< 20.600	61.500
Isoproturon	ug/l	AS 16	11		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 4	4		0	0.000	< 0.000	< 0.268	< 0.780
MCPA	ug/l	AS 16	11		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 16	11		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 0.600	2.300
Mecoprop (MCP)	ug/l	AS 16	11		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 16	11		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	< 0.160	< 0.328	0.820
Nitrate		S 4	4		0	0.000	0.523	1.196	1.741
Nitrite		S 4	4		0	0.000	< 0.000	< 0.013	0.030
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	< 0.003	< 0.010
Parathion	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 16	11		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 4	4		0	0.000	5.160	6.342	7.974
Sulphate		AS 16	11		0	0.000	1.475	16.075	36.770
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 16	11		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 16	11		0	0.000	0.000	< 0.091	< 1.000
Tetrachloromethane	ug/l	AS 16	11		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.140	0.858	1.750
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 16	11		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 16	11		0	0.000	0.200	1.636	3.570
Total Pesticides	ug/l	AS 16	11		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 12	12		250	0.000	21.800	67.291	141.300
Trifluralin	ug/l	AS 16	11		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 16	11		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 4	4		0	0.000	0.080	0.248	0.550
op-DDT	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 16	11		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4300

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 10-JAN-2006 (Z220AE) Hydrogen Ion = 6.18 pH va.

Water Supply Zone - Z220 - Silent Valley South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z221 - Banbridge-Babylon Hill  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	24		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	< 0.000	< 23.671	156.500
Ammonium		S 24	24		0	0.000	< 0.000	< 0.015	0.104
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.570	0.799	0.930
Asulam	ug/l	AS 24	24		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 24	24		0	0.000	0.005	0.012	0.021
Azinphos methyl	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	24		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS 24	24		0	0.000	< 26.000	< 31.042	44.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 2.931	7.900
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 24	24		0	0.000	24.725	25.977	28.369
Chlorpropham	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 312	311		15	4.823	0.000	0.074	4.000
Colony Counts 22		S 24	24		0	0.000	0.000	13.542	196.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	5.583	76.000
Colour		S 24	24		0	0.000	0.600	3.349	8.570
Conductivity		AS 312	312		0	0.000	258.800	299.233	401.400
Copper		S 8	8		0	0.000	0.006	0.023	0.076
Cyanide	ug CN/l	AS 24	24		0	0.000	1.100	3.858	8.000
Cypermethrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	24		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 60	60		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 48	48		0	0.000	< 0.000	< 0.051	0.101
Flutriafol	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 60	60		0	0.000	< 0.010	< 0.259	0.910
Gamma-HCH (Lindane)	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Water Supply Zone - Z221 - Banbridge-Babylon Hill  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.100	7.480	8.190
Iron		S 24	24		0	0.000	< 3.600	< 31.954	122.000
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	0.014
Lead		S 8	8		0	0.000	< 0.000	< 0.539	1.900
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 2.846	36.000
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.720	1.200
Nitrate		S 8	8		0	0.000	0.564	3.669	9.816
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.018
Odour	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.002	< 0.010
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.339	0.540
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.007	0.014
Sodium		S 8	8		0	0.000	7.321	12.461	15.210
Sulphate		AS 24	24		0	0.000	< 0.000	< 14.649	22.721
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	0.000	< 0.083	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 60	60		0	0.000	0.030	0.409	1.190
Total Coliforms		S 60	60		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	3.701	5.199	7.000
Total Pesticides	ug/l	AS 24	24		0	0.000	0.009	0.028	0.057
Total Trihalomethanes	ug/l	S 12	12		200	0.000	34.000	74.174	111.900
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.100	0.260	0.590
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 26638

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.

Water Supply Zone - Z221 - Banbridge-Babylon Hill  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z222 - Ballydugan-Ballyhannon  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	24		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 52	52		0	0.000	< 0.000	< 7.194	56.900
Ammonium		S 52	52		0	0.000	< 0.000	< 0.009	0.051
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.341	0.770
Arsenic	ug As/l	S 8	8		0	0.000	0.640	0.924	1.500
Asulam	ug/l	AS 24	24		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 24	24		0	0.000	0.005	0.012	0.021
Azinphos methyl	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	24		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	24		0	0.000	< 26.000	< 31.042	44.000
Bromate	ug/l	S 8	8		0	0.000	0.950	1.444	2.900
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 24	24		0	0.000	24.725	25.977	28.369
Chlorpropham	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 312	311		15	4.823	0.000	0.074	4.000
Colony Counts 22		S 52	52		0	0.000	0.000	13.462	262.000
Colony Counts 37 (48hrs)		S 52	52		0	0.000	0.000	2.058	37.000
Colour		S 52	52		0	0.000	< 0.000	< 3.848	7.800
Conductivity		AS 312	312		0	0.000	258.800	299.233	401.400
Copper		S 8	8		0	0.000	< 0.000	< 0.051	0.311
Cyanide	ug CN/l	AS 24	24		0	0.000	1.100	3.858	8.000
Cypermethrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	24		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 192	192		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 48	48		0	0.000	< 0.000	< 0.051	0.101
Flutriafol	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 192	192		0	0.000	< 0.010	< 0.360	1.410
Gamma-HCH (Lindane)	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Water Supply Zone - Z222 - Ballydugan-Ballyhannon  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	7.010	7.442	7.890
Iron		S 52	52		0	0.000	< 2.900	< 22.017	126.300
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	0.014
Lead		S 8	8		0	0.000	< 0.000	< 0.619	2.550
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 2.873	9.900
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.810	1.390	3.200
Nitrate		S 8	8		0	0.000	0.739	2.839	6.107
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.032
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
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.007	0.014
Sodium		S 8	8		0	0.000	13.579	14.296	14.906
Sulphate		AS 24	24		0	0.000	< 0.000	< 14.649	22.721
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	0.000	< 0.083	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 192	192		0	0.000	0.090	0.517	1.660
Total Coliforms		S 192	192		4	2.083	0.000	0.104	11.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	3.701	5.199	7.000
Total Pesticides	ug/l	AS 24	24		0	0.000	0.009	0.028	0.057
Total Trihalomethanes	ug/l	S 36	36	200	0	0.000	20.600	83.919	162.600
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 52	52		0	0.000	0.090	0.250	0.760
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 78035

This zone has a surface water source :R2308

PCV Exceedances:

- Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.
- Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.
- Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.
- Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.
- Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.
- Sample failed 19-JUN-2006 (Z222AE) Total Coliforms = 1 No./100m.
- Sample failed 11-SEP-2006 (Z222AE) Total Coliforms = 11 No./100.
- Sample failed 11-OCT-2006 (Z222AE) Total Coliforms = 1 No./100m.
- Sample failed 14-DEC-2006 (Z222AE) Total Coliforms = 7 No./100m.

Water Supply Zone - Z222 - Ballydugan-Ballyhannon  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z223 - Lurgan-Magheraliskmisk  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	24		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 52	52		0	0.000	< 0.000	< 6.444	27.000
Ammonium		S 52	52		0	0.000	< 0.000	< 0.010	0.062
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.650	1.006	1.500
Asulam	ug/l	AS 24	24		0	0.000	0.000	< 0.003	< 0.003
Atrazine	ug/l	AS 24	24		0	0.000	0.005	0.012	0.021
Azinphos methyl	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	24		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	24		0	0.000	< 26.000	< 31.042	44.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.669	2.600
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 24	24		0	0.000	24.725	25.977	28.369
Chlorpropham	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	0.008
Clostridium perfringens (sulph red)		AS 312	311		15	4.823	0.000	0.074	4.000
Colony Counts 22		S 52	52		0	0.000	0.000	9.692	128.000
Colony Counts 37 (48hrs)		S 52	52		0	0.000	0.000	2.865	58.000
Colour		S 52	52		0	0.000	1.160	4.033	16.900
Conductivity		AS 312	312		0	0.000	258.800	299.233	401.400
Copper		S 8	8		0	0.000	< 0.000	< 0.023	0.079
Cyanide	ug CN/l	AS 24	24		0	0.000	1.100	3.858	8.000
Cypermethrin	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	24		0	0.000	< 0.006	< 0.013	0.030
Diuron	ug/l	AS 24	24		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 132	132		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	24		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 48	48		0	0.000	< 0.000	< 0.051	0.101
Flutriafol	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 132	132		0	0.000	< 0.010	< 0.394	2.330
Gamma-HCH (Lindane)	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Water Supply Zone - Z223 - Lurgan-Magheraliskmisk  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52	0	0.000	6.650	7.404	8.370
Iron		S	52	52	0	0.000	< 2.000	< 27.581	109.300
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.013	< 0.013	0.014
Lead		S	8	8	0	0.000	< 0.000	< 2.915	15.070
MCPA	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	0.020
Malathion	ug/l	AS	24	24	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52	0	0.000	< 0.000	< 2.452	15.800
Mecoprop (MCP)	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS	24	24	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.160	< 0.788	1.200
Nitrate		S	8	8	0	0.000	1.831	3.265	5.808
Nitrite		S	8	8	0	0.000	< 0.000	< 0.008	0.038
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
Parathion	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	24	24	0	0.000	< 0.002	< 0.007	0.014
Sodium		S	8	8	0	0.000	12.876	14.045	15.441
Sulphate		AS	24	24	0	0.000	< 0.000	< 14.649	22.721
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	24	24	0	0.000	0.000	< 0.083	< 1.000
Tetrachloromethane	ug/l	AS	24	24	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	132	132	0	0.000	0.060	0.542	2.450
Total Coliforms		S	132	132	1	0.758	0.000	1.023	135.000
Total Indicative Dose	mSv/year	AS	24	24	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	24	24	0	0.000	3.701	5.199	7.000
Total Pesticides	ug/l	AS	24	24	0	0.000	0.009	0.028	0.057
Total Trihalomethanes	ug/l	S	24	24	0	0.000	31.400	89.271	189.700
Trifluralin	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	24	24	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	52	52	0	0.000	0.110	0.257	0.560
op-DDT	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 53376

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 05-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 09-JAN-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 20-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 23-FEB-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 05-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 07-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 4 No./100.  
 Sample failed 22-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 26-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 30-MAR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 13-APR-2006 (W2308OUT) Clostridium perfringens (sulph red) = 2 No./100.  
 Sample failed 10-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 19-MAY-2006 (W2308OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 12-SEP-2006 (Z223AE) Total Coliforms = 135 No./10.

Water Supply Zone - Z223 - Lurgan-Magheraliskmisk  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z301 - Ballyhanwood  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS 24	23		0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S 52	52		0	0.000	20.900	50.508	123.700
Ammonium	S	S 52	52		0	0.000	< 0.000	< 0.007	0.098
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.289	0.430
Asulam	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS 24	23		0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	23		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	23		0	0.000	< 0.026	< 27.349	42.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 3.256	7.100
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.014	0.026
Carbendazim	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	23		0	0.000	8.364	8.990	9.876
Chlorpropham	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	AS 365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S 52	52		0	0.000	0.000	4.692	92.000
Colony Counts 37 (48hrs)	S	S 52	52		0	0.000	0.000	0.962	22.000
Colour	S	S 52	52		0	0.000	< 0.000	< 1.058	3.900
Conductivity	AS	AS 365	365		0	0.000	83.610	101.432	240.600
Copper	S	S 8	8		0	0.000	< 0.000	< 0.002	0.008
Cyanide	ug CN/l	AS 24	23		0	0.000	< 0.270	< 0.928	2.000
Cypermethrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	23		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S 132	132		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS 48	46		0	0.000	0.000	0.084	0.182
Flutriafol	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S 132	132		0	0.000	< 0.000	< 0.197	0.670
Gamma-HCH (Lindane)	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 24	23		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z301 - Ballyhanwood  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	7.200	7.547	7.850
Iron		S 52	52		0	0.000	< 0.000	< 30.506	120.000
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		2	25.000	< 0.000	< 30.433	204.320
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 1.015	4.500
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.186	0.370
Nitrate		S 8	8		0	0.000	1.145	2.289	5.485
Nitrite		S 8	8		0	0.000	< 0.000	< 0.004	0.018
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
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.194	10.655	41.374
Sulphate		AS 24	23		0	0.000	14.150	20.000	44.322
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.043	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 132	132		0	0.000	0.020	0.291	0.770
Total Coliforms		S 132	132		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	0.672	1.109	2.100
Total Pesticides	ug/l	AS 24	23		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	29.400	45.938	78.300
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.083	5.900
Turbidity		S 52	52		0	0.000	0.090	0.167	0.620
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61035

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 26-APR-2006 (Z301AE) Lead = 30 ug Pb/l.

Sample failed 25-JUL-2006 (Z301AE) Lead = 204 ug Pb/.

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: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z302 - Ballysallagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	< 0.000	< 19.750	64.400
Ammonium		S	24	24	0	0.000	< 0.000	< 0.023	0.192
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.700	1.015	1.400
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.008
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 33.375	44.000
Bromate	ug/l	S	8	8	0	0.000	1.100	2.000	3.400
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	33.063	35.596	37.948
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 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	14.208	149.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	7.750	79.000
Colour		S	24	24	0	0.000	1.200	5.305	12.700
Conductivity		AS	36	36	0	0.000	270.400	304.158	355.000
Copper		S	8	8	0	0.000	< 0.000	< 0.036	0.077
Cyanide	ug CN/l	AS	8	8	0	0.000	1.300	3.050	4.200
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.021	0.030
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	48	48	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.019	< 0.197	0.830
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	48	48	0	0.000	< 0.010	< 0.090	0.360
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

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: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.190	7.459	7.830
Iron		S 24	24		0	0.000	18.800	67.896	153.600
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		1	12.500	< 0.000	< 7.410	26.160
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 3.971	16.100
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.034	0.080
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 1.240	2.200
Nitrate		S 8	8		0	0.000	1.588	10.562	20.536
Nitrite		S 8	8		0	0.000	< 0.000	< 0.009	0.027
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	< 0.003
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.334	0.470
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 8	8		0	0.000	12.123	15.535	18.766
Sulphate		AS 8	8		0	0.000	17.533	23.522	35.160
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 48	48		0	0.000	0.020	0.332	0.810
Total Coliforms		S 48	48		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	5.811	6.566	7.090
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.000	< 0.039	0.081
Total Trihalomethanes	ug/l	S 8	8		0	0.000	32.000	51.513	88.900
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.140	0.381	0.910
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21998

This zone has a surface water source :R3501

PCV Exceedances:

Sample failed 13-FEB-2006 (Z302AE) Lead = 26 ug Pb/l.

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Water Supply Zone - Z303 - Breda East  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	32	30	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	32	32	0	0			
Aldrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 0.000	< 26.048	79.600
Ammonium		S	52	52	0	0.000	< 0.000	< 0.009	0.121
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.450	0.685	0.890
Asulam	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	32	30	0	0.000	0.001	0.003	0.014
Azinphos methyl	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	32	30	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	32	30	0	0.000	< 0.026	< 27.834	42.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.688	3.400
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	0.018
Carbendazim	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	32	30	0	0.000	8.364	11.243	22.731
Chlorpropham	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	32	30	0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)		AS	469	469	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	52	52	0	0.000	0.000	6.500	158.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	5.365	212.000
Colour		S	52	52	0	0.000	< 0.500	< 2.188	7.800
Conductivity		AS	469	469	0	0.000	83.610	127.674	301.000
Copper		S	8	8	0	0.000	< 0.002	< 0.007	0.017
Cyanide	ug CN/l	AS	32	30	0	0.000	< 0.270	< 1.388	5.000
Cypermethrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	0.010
Diquat	ug/l	AS	32	30	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	32	30	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	132	132	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.019	< 0.020
Fluoride		AS	64	60	0	0.000	< 0.000	< 0.101	0.855
Fluoride		AS	64	60	0	0.000	< 0.000	< 0.101	0.855
Flutriafol	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	132	132	0	0.000	< 0.010	< 0.205	5.000
Gamma-HCH (Lindane)	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	32	30	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	0.004
Heptachlor epoxide	ug/l	AS	32	30	0	0.000	0.000	< 0.000	< 0.003

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 Water Supply Zone - Z303 - Breda East  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52	0	0.000	7.360	7.561	8.070
Iron		S	52	52	0	0.000	< 0.000	< 29.771	199.400
Isoproturon	ug/l	AS	32	30	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.010	< 1.785	4.160
MCPA	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS	32	30	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52	0	0.000	< 0.000	< 1.862	9.000
Mecoprop (MCP)	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	32	30	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.280	0.636	1.200
Nitrate		S	8	8	0	0.000	1.890	3.125	5.152
Nitrite		S	8	8	0	0.000	< 0.000	< 0.007	0.032
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
Parathion	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	32	30	0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.311	0.320
Simazine	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	0.006
Sodium		S	8	8	0	0.000	0.201	9.371	15.030
Sulphate		AS	32	30	0	0.000	14.150	20.727	44.322
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	32	30	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	32	30	0	0.000	0.000	< 0.033	< 1.000
Tetrachloromethane	ug/l	AS	32	30	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	132	132	0	0.000	0.040	0.304	0.640
Total Coliforms		S	132	132	1	0.758	0.000	0.008	1.000
Total Indicative Dose	mSv/year	AS	32	30	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	32	30	0	0.000	0.130	1.366	3.630
Total Pesticides	ug/l	AS	32	30	0	0.000	0.000	< 0.008	< 0.050
Total Trihalomethanes	ug/l	S	8	8	0	0.000	4.700	49.200	72.200
Trifluralin	ug/l	AS	32	30	0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	32	30	0	0.000	< 4.000	< 4.063	5.900
Turbidity		S	52	52	0	0.000	0.080	0.153	0.450
op-DDT	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59506

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 03-OCT-2006 (Z303AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z303 - Breda East  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z304 - Breda West  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	32	30	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	32	32	0	0			
Aldrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	36	36	0	0.000	< 0.800	< 25.000	66.000
Ammonium	S	S	36	36	0	0.000	< 0.000	< 0.008	0.084
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.370	0.583	1.100
Asulam	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	32	30	0	0.000	0.001	0.003	0.014
Azinphos methyl	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	32	30	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	32	30	0	0.000	< 0.026	< 27.834	42.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 2.138	4.500
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.018	0.023
Carbendazim	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	32	30	0	0.000	8.364	11.243	22.731
Chlorpropham	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	32	30	0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	AS	469	469	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	36	36	0	0.000	0.000	2.583	67.000
Colony Counts 37 (48hrs)	S	S	36	36	0	0.000	0.000	3.306	65.000
Colour	S	S	36	36	0	0.000	0.700	2.057	6.700
Conductivity	AS	AS	469	469	0	0.000	83.610	127.674	301.000
Copper	S	S	8	8	0	0.000	< 0.000	< 0.007	0.039
Cyanide	ug CN/l	AS	32	30	0	0.000	< 0.270	< 1.388	5.000
Cypermethrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	32	30	0	0.000	< 0.006	< 0.006	0.010
Diquat	ug/l	AS	32	30	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	32	30	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	108	108	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	32	30	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	32	30	0	0.000	< 0.004	< 0.019	< 0.020
Fluoride	AS	AS	64	60	0	0.000	< 0.000	< 0.101	0.855
Fluoride	AS	AS	64	60	0	0.000	< 0.000	< 0.101	0.855
Flutriafol	ug/l	AS	32	30	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	108	108	0	0.000	< 0.010	< 0.247	0.700
Gamma-HCH (Lindane)	ug/l	AS	32	30	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	32	30	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	32	30	0	0.000	< 0.002	< 0.002	0.004
Heptachlor epoxide	ug/l	AS	32	30	0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z304 - Breda West  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
Hexachlorobenzene	ug/l	AS	32	30		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	36	36		0	0.000	7.300	7.614	8.090
Iron		S	36	36		0	0.000	< 0.000	< 17.036	199.200
Isoproturon	ug/l	AS	32	30		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8		0	0.000	< 0.000	< 4.733	12.620
MCPA	ug/l	AS	32	30		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS	32	30		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	36	36		0	0.000	< 0.000	< 0.631	9.400
Mecoprop (MCP)	ug/l	AS	32	30		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	32	30		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.160	< 0.394	0.650
Nitrate		S	8	8		0	0.000	1.870	2.765	4.748
Nitrite		S	8	8		0	0.000	< 0.000	< 0.003	0.010
Odour	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS	32	30		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	32	30		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	32	30		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	32	30		0	0.000	< 0.002	< 0.002	0.006
Sodium		S	8	8		0	0.000	7.236	10.092	13.897
Sulphate		AS	32	30		0	0.000	14.150	20.727	44.322
Taste	Diln No	S	36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	32	30		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	32	30		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	32	30		0	0.000	0.000	< 0.033	< 1.000
Tetrachloromethane	ug/l	AS	32	30		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	108	108		0	0.000	0.020	0.397	0.820
Total Coliforms		S	108	108		1	0.926	0.000	0.009	1.000
Total Indicative Dose	mSv/year	AS	32	30		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	32	30		0	0.000	0.130	1.366	3.630
Total Pesticides	ug/l	AS	32	30		0	0.000	0.000	< 0.008	< 0.050
Total Trihalomethanes	ug/l	S	8	8		0	0.000	42.600	56.613	86.800
Trifluralin	ug/l	AS	32	30		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	32	30		0	0.000	< 4.000	< 4.063	5.900
Turbidity		S	36	36		0	0.000	0.080	0.147	0.460
op-DDT	ug/l	AS	32	30		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	32	30		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 54145

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 13-OCT-2006 (Z304AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z304 - Breda West  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z305 - Clandeboye  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	40	39	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	40	40	0	0			
Aldrin	ug/l	AS	40	39	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	52	52	0	0.000	15.400	41.156	126.900
Ammonium	S	S	52	52	0	0.000	< 0.000	< 0.008	0.080
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.500	0.844	1.100
Asulam	ug/l	AS	40	39	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	40	39	0	0.000	0.001	0.002	0.008
Azinphos methyl	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	40	39	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	40	39	0	0.000	< 0.026	< 28.719	42.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 2.300	4.300
Cadmium	ug Cd/l	S	8	8	0	0.000	0.000	0.014	0.022
Carbendazim	ug/l	AS	40	39	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	40	39	0	0.000	8.364	15.915	35.189
Chlorpropham	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	40	39	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	40	39	0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	AS	417	417	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	52	52	0	0.000	0.000	11.615	464.000
Colony Counts 37 (48hrs)	S	S	52	52	0	0.000	0.000	0.615	12.000
Colour	S	S	52	52	0	0.000	< 0.000	< 0.959	5.300
Conductivity	AS	AS	453	453	0	0.000	83.610	139.416	424.000
Copper	S	S	8	8	0	0.000	< 0.000	< 0.021	0.130
Cyanide	ug CN/l	AS	40	39	0	0.000	< 0.270	< 1.023	2.000
Cypermethrin	ug/l	AS	40	39	0	0.000	< 0.004	< 0.005	0.011
Diazinon	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	40	39	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	40	39	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	40	39	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	40	39	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	168	168	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	40	39	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	40	39	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	80	78	0	0.000	< 0.000	< 0.112	0.850
Fluoride	AS	AS	80	78	0	0.000	< 0.000	< 0.112	0.850
Flutriafol	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	168	168	0	0.000	< 0.000	< 0.243	0.720
Gamma-HCH (Lindane)	ug/l	AS	40	39	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	40	39	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	0.007
Heptachlor epoxide	ug/l	AS	40	39	0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z305 - Clandeboye  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 40	39		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	7.520	7.794	8.100
Iron		S 52	52		0	0.000	< 0.000	< 19.110	149.400
Isoproturon	ug/l	AS 40	39		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.601	6.450
MCPA	ug/l	AS 40	39		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 40	39		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 0.852	4.800
Mecoprop (MCP)	ug/l	AS 40	39		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 40	39		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.230	0.660
Nitrate		S 8	8		0	0.000	7.217	8.524	9.886
Nitrite		S 8	8		0	0.000	< 0.000	< 0.003	0.008
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
Parathion	ug/l	AS 40	39		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 40	39		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 40	39		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 40	39		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 8	8		0	0.000	8.488	10.393	11.772
Sulphate		AS 40	39		0	0.000	14.150	24.922	44.322
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 40	39		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 40	39		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 40	39		0	0.000	0.000	< 0.077	< 1.000
Tetrachloromethane	ug/l	AS 40	39		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 168	168		0	0.000	0.020	0.290	0.920
Total Coliforms		S 168	168		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 40	39		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 40	39		0	0.000	0.600	1.225	8.700
Total Pesticides	ug/l	AS 40	39		0	0.000	< 0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	17.900	34.313	50.800
Trifluralin	ug/l	AS 40	39		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 40	39		0	0.000	< 4.000	< 4.049	5.900
Turbidity		S 52	52		0	0.000	0.060	0.135	0.500
op-DDT	ug/l	AS 40	39		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 40	39		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 74701

This zone has a surface water source :R3341

PCV Exceedances:

Water Quality was satisfactory

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z305 - Clandeboye  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

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Water Supply Zone - Z306 - Conlig  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	32	26	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	32	32	0	0			
Aldrin	ug/l	AS	32	26	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	4	4	0	0.000	< 0.800	< 56.175	173.900
Ammonium		S	4	4	0	0.000	< 0.000	< 0.008	0.031
Antimony	ug Sb/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	4	4	0	0.000	0.520	0.850	1.100
Asulam	ug/l	AS	32	26	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	32	26	0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	32	26	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	32	26	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	4	3	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	32	26	0	0.000	< 0.026	< 28.539	42.000
Bromate	ug/l	S	4	4	0	0.000	< 0.950	< 1.913	3.300
Cadmium	ug Cd/l	S	4	4	0	0.000	< 0.017	< 0.019	0.020
Carbendazim	ug/l	AS	32	26	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	32	26	0	0.000	8.364	11.291	29.662
Chlorpropham	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	32	26	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	32	26	0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)		AS	377	369	2	0.542	0.000	0.014	4.000
Colony Counts 22		S	4	4	0	0.000	0.000	9.250	37.000
Colony Counts 37 (48hrs)		S	4	4	0	0.000	0.000	0.250	1.000
Colour		S	4	4	0	0.000	0.600	0.975	1.800
Conductivity		AS	377	369	0	0.000	83.610	102.805	241.300
Copper		S	4	4	0	0.000	< 0.000	< 0.004	0.009
Cyanide	ug CN/l	AS	32	26	0	0.000	< 0.270	< 0.955	2.000
Cypermethrin	ug/l	AS	32	26	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	32	26	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	32	26	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	32	26	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	32	26	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	32	26	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	32	26	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	12	12	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	32	26	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	32	26	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	64	52	0	0.000	0.000	0.088	0.207
Fluoride		AS	64	52	0	0.000	0.000	0.088	0.207
Flutriafol	ug/l	AS	32	26	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	12	12	0	0.000	< 0.010	< 0.135	0.390
Gamma-HCH (Lindane)	ug/l	AS	32	26	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	32	26	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	32	26	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	32	26	0	0.000	< 0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z306 - Conlig  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		0	0.000	7.670	7.768	7.840
Iron		S 4	4		0	0.000	< 1.800	< 13.275	32.700
Isoproturon	ug/l	AS 32	26		1	3.846	< 0.013	< 0.019	< 0.120
Lead		S 4	4		0	0.000	< 0.000	< 1.135	3.700
MCPA	ug/l	AS 32	26		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 32	26		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 0.500	1.500
Mecoprop (MCP)	ug/l	AS 32	26		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 32	26		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	< 0.160	< 0.160	< 0.160
Nitrate		S 4	4		0	0.000	6.046	8.534	10.155
Nitrite		S 4	4		0	0.000	< 0.000	< 0.004	0.009
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
Parathion	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 32	26		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 4	4		0	0.000	10.022	11.241	12.917
Sulphate		AS 32	26		0	0.000	14.150	20.460	44.322
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 32	26		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 32	26		0	0.000	< 0.000	< 0.077	< 1.000
Tetrachloromethane	ug/l	AS 32	26		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.030	0.198	0.420
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 32	26		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 32	26		0	0.000	0.672	1.579	5.480
Total Pesticides	ug/l	AS 32	26		0	0.000	0.000	0.013	0.120
Total Trihalomethanes	ug/l	S 4	4		0	0.000	25.600	33.175	39.600
Trifluralin	ug/l	AS 32	26		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 32	26		0	0.000	< 4.000	< 4.073	5.900
Turbidity		S 4	4		0	0.000	0.060	0.130	0.230
op-DDT	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 239

This zone has a surface water source :R3329

PCV Exceedances:

Sample failed 16-FEB-2006 (W3503OUT) Clostridium perfringens (sulph red) = 4 No./100.  
Sample failed 03-APR-2006 (W3503OUT) Clostridium perfringens (sulph red) = 1 No./100.  
Sample failed 23-JAN-2006 (W3503OUT) Isoproturon = 0.12 ug/l.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z306 - Conlig  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z307 - Dorisland  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	36	35		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	36	35		0	0.000	< 0.005	< 0.005	< 0.005
Aldrin	ug/l	AS	36	35		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	76	76		0	0.000	< 3.900	< 23.070	75.600
Ammonium	S	S	76	76		0	0.000	< 0.000	< 0.008	0.081
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	< 0.170	< 0.335	0.550
Asulam	ug/l	AS	36	35		0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS	36	35		0	0.000	0.004	0.011	0.028
Azinphos methyl	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	36	35		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	36	35		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	36	35		0	0.000	0.000	30.171	61.000
Bromate	ug/l	S	8	8		0	0.000	< 0.950	< 1.450	2.300
Cadmium	ug Cd/l	S	8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	36	35		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	36	35		0	0.000	7.863	22.802	25.836
Chlorpropham	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	36	35		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	36	35		0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)	AS	AS	573	573		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	76	76		0	0.000	0.000	10.355	150.000
Colony Counts 37 (48hrs)	S	S	76	76		0	0.000	0.000	3.303	54.000
Colour	S	S	76	76		0	0.000	0.670	2.982	12.800
Conductivity	AS	AS	573	573		0	0.000	258.200	303.734	1130.00
Copper	S	S	8	8		0	0.000	0.007	0.015	0.026
Cyanide	ug CN/l	AS	36	35		0	0.000	< 0.660	< 3.216	7.000
Cypermethrin	ug/l	AS	36	35		0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS	36	35		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	36	35		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	36	35		0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS	36	35		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	36	35		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	36	35		0	0.000	< 0.006	< 0.012	0.035
Diuron	ug/l	AS	36	35		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	204	204		1	0.490	0.000	0.005	1.000
Endosulphan Total	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	36	35		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	36	35		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	72	70		0	0.000	< 0.000	< 0.070	0.881
Fluoride	AS	AS	72	70		0	0.000	< 0.000	< 0.070	0.881
Flutriafol	ug/l	AS	36	35		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	204	204		0	0.000	< 0.000	< 0.098	0.930
Gamma-HCH (Lindane)	ug/l	AS	36	35		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	36	35		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	36	35		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	36	35		0	0.000	0.000	0.000	0.005

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z307 - Dorisland  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 76	76		0	0.000	7.050	7.288	8.110
Iron		S 76	76		7	9.211	< 4.500	< 92.532	324.300
Isoproturon	ug/l	AS 36	35		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.914	9.740
MCPA	ug/l	AS 48	35		1	2.857	< 0.004	< 0.010	0.120
Malathion	ug/l	AS 36	35		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 76	76		0	0.000	< 0.000	< 4.401	25.600
Mecoprop (MCP)	ug/l	AS 36	35		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 36	35		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	1.200	1.900	2.100
Nitrate		S 8	8		0	0.000	1.260	3.317	6.017
Nitrite		S 8	8		0	0.000	< 0.000	< 0.006	0.034
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	< 0.001	< 0.010
Parathion	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 36	35		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.311	0.320
Simazine	ug/l	AS 36	35		0	0.000	< 0.002	< 0.006	0.017
Sodium		S 8	8		0	0.000	10.730	13.849	15.419
Sulphate		AS 36	35		0	0.000	1.118	35.458	89.234
Taste	Diln No	S 76	76		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 36	35		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 36	35		0	0.000	0.000	< 0.071	< 1.000
Tetrachloromethane	ug/l	AS 36	35		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 204	204		0	0.000	< 0.000	< 0.183	1.030
Total Coliforms		S 204	204		3	1.471	0.000	0.603	99.000
Total Indicative Dose	mSv/year	AS 36	35		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 36	35		0	0.000	1.630	3.739	6.465
Total Pesticides	ug/l	AS 36	35		0	0.000	< 0.007	< 0.033	0.138
Total Trihalomethanes	ug/l	S 8	8		0	0.000	26.800	39.025	59.500
Trifluralin	ug/l	AS 36	35		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 36	35		0	0.000	< 4.000	< 4.051	5.800
Turbidity		S 76	76		0	0.000	0.100	0.315	1.350
op-DDT	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 93868

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 18-JUL-2006 (Z307AE) E. Coli = 1 No./100m.  
 Sample failed 11-JUL-2006 (Z307AE) Iron = 313 ug Fe/.  
 Sample failed 21-AUG-2006 (Z307AE) Iron = 204 ug Fe/.  
 Sample failed 04-SEP-2006 (Z307AE) Iron = 202 ug Fe/.  
 Sample failed 26-SEP-2006 (Z307AE) Iron = 302 ug Fe/.  
 Sample failed 13-NOV-2006 (Z307AE) Iron = 288 ug Fe/.  
 Sample failed 20-NOV-2006 (Z307AE) Iron = 239 ug Fe/.  
 Sample failed 05-DEC-2006 (Z307AE) Iron = 324 ug Fe/.  
 Sample failed 08-AUG-2006 (W3317OUT) MCPA = 0.1200 ug/.  
 Sample failed 26-APR-2006 (Z307AE) Total Coliforms = 99 No./100.  
 Sample failed 18-JUL-2006 (Z307AE) Total Coliforms = 23 No./100.  
 Sample failed 13-NOV-2006 (Z307AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z307 - Dorisland  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z308 - Downpatrick  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 32	26		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 32	32		0	0			
Aldrin	ug/l	AS 32	26		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 52	52		15	28.846	< 6.600	<113.738	431.000
Ammonium		S 52	52		0	0.000	< 0.000	< 0.006	0.033
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.285	0.430
Asulam	ug/l	AS 32	26		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS 32	26		0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 32	26		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 32	26		0	0.000	< 0.026	< 27.809	42.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 2.688	6.300
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.021	0.034
Carbendazim	ug/l	AS 32	26		0	0.000	< 0.003	< 0.003	0.004
Chlorfenvinphos	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 32	26		0	0.000	2.813	8.833	10.488
Chlorpropham	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 32	26		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 32	26		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)		AS 389	374		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 52	52		0	0.000	0.000	4.250	37.000
Colony Counts 37 (48hrs)		S 52	52		0	0.000	0.000	2.519	61.000
Colour		S 52	52		0	0.000	< 0.300	< 4.485	19.532
Conductivity		AS 389	374		0	0.000	55.180	100.658	240.600
Copper		S 8	8		0	0.000	< 0.000	< 0.004	0.009
Cyanide	ug CN/l	AS 32	26		0	0.000	< 0.270	< 1.459	11.000
Cypermethrin	ug/l	AS 32	26		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 32	26		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 32	26		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 32	26		0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS 32	26		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 156	156		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 32	26		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 32	26		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 64	52		0	0.000	0.000	0.085	0.224
Fluoride		AS 64	52		0	0.000	0.000	0.085	0.224
Flutriafol	ug/l	AS 32	26		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 156	156		0	0.000	< 0.010	< 0.472	1.140
Gamma-HCH (Lindane)	ug/l	AS 32	26		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 32	26		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 32	26		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 32	26		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z308 - Downpatrick  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	32	26		0	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52		1	1.923	6.480	7.473
Iron		S	52	52		0	< 0.000	< 28.190	77.400
Isoproturon	ug/l	AS	32	26		0	< 0.013	< 0.013	< 0.013
Lead		S	8	8		0	< 0.000	< 0.450	1.840
MCPA	ug/l	AS	32	26		0	< 0.000	< 0.004	0.010
Malathion	ug/l	AS	32	26		0	< 0.005	< 0.005	< 0.005
Manganese		S	52	52		0	< 0.000	< 1.983	8.800
Mecoprop (MCP)	ug/l	AS	32	26		0	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	32	26		0	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8		0	< 0.160	< 0.263	0.660
Nitrate		S	8	8		0	1.133	1.832	2.114
Nitrite		S	8	8		0	< 0.000	< 0.005	0.025
Odour	Diln No	S	52	52		0	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8		0	< 0.000	< 0.002	< 0.010
Parathion	ug/l	AS	32	26		0	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	32	26		0	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	32	26		0	0.000	0.002	0.003
Selenium	ug Se/l	S	8	8		0	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	32	26		0	< 0.002	< 0.002	0.002
Sodium		S	8	8		0	0.000	5.042	6.020
Sulphate		AS	32	26		0	0.000	1.475	18.351
Taste	Diln No	S	52	52		0	0.000	0.000	0.000
Tecnazene	ug/l	AS	32	26		0	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	32	26		0	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	32	26		0	0.000	< 0.038	< 1.000
Tetrachloromethane	ug/l	AS	32	26		0	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	156	156		0	0.000	0.030	0.515
Total Coliforms		S	156	156		2	1.282	0.000	0.026
Total Indicative Dose	mSv/year	AS	32	26		0	0.000	< 0.100	< 0.100
Total Organic Carbon		AS	32	26		0	0.000	0.672	1.300
Total Pesticides	ug/l	AS	32	26		0	< 0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S	8	8		0	0.000	13.400	37.913
Trifluralin	ug/l	AS	32	26		0	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	32	26		0	< 4.000	< 4.073	5.900
Turbidity		S	52	52		0	0.070	0.249	1.700
op-DDT	ug/l	AS	32	26		0	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	32	26		0	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 75734

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 03-JAN-2006 (Z308AE) Aluminium = 276 ug Al/.  
 Sample failed 11-JAN-2006 (Z308AE) Aluminium = 258 ug Al/.  
 Sample failed 31-JAN-2006 (Z308AE) Aluminium = 203 ug Al/.  
 Sample failed 14-FEB-2006 (Z308AE) Aluminium = 238 ug Al/.  
 Sample failed 22-FEB-2006 (Z308AE) Aluminium = 205 ug Al/.  
 Sample failed 20-MAR-2006 (Z308AE) Aluminium = 261 ug Al/.  
 Sample failed 10-APR-2006 (Z308AE) Aluminium = 257 ug Al/.  
 Sample failed 19-APR-2006 (Z308AE) Aluminium = 248 ug Al/.  
 Sample failed 25-APR-2006 (Z308AE) Aluminium = 214 ug Al/.  
 Sample failed 04-MAY-2006 (Z308AE) Aluminium = 275 ug Al/.  
 Sample failed 08-MAY-2006 (Z308AE) Aluminium = 274 ug Al/.  
 Sample failed 17-MAY-2006 (Z308AE) Aluminium = 233 ug Al/.  
 Sample failed 23-MAY-2006 (Z308AE) Aluminium = 296 ug Al/.  
 Sample failed 05-JUN-2006 (Z308AE) Aluminium = 229 ug Al/.  
 Sample failed 26-JUN-2006 (Z308AE) Aluminium = 431 ug Al/.  
 Sample failed 04-MAY-2006 (Z308AE) Hydrogen Ion = 6.48 pH va.  
 Sample failed 19-JUN-2006 (Z308AE) Total Coliforms = 2 No./100m.  
 Sample failed 24-JUL-2006 (Z308AE) Total Coliforms = 2 No./100m.

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Water Supply Zone - Z308 - Downpatrick  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z309 - Dunmurry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 0.000	< 2.965	11.000
Ammonium		S	52	52	0	0.000	< 0.000	< 0.010	0.061
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.540	0.674	0.990
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	0.007
Atrazine	ug/l	AS	16	16	0	0.000	0.007	0.021	0.039
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	0.000	34.563	61.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 0.969	< 1.100
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.023	0.068
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	16	16	0	0.000	16.731	22.153	26.558
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	0.010
Clostridium perfringens (sulph red)		AS	208	208	1	0.481	0.000	0.005	1.000
Colony Counts 22		S	52	52	0	0.000	0.000	6.269	180.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	2.538	27.000
Colour		S	52	52	0	0.000	< 0.000	< 8.996	14.100
Conductivity		AS	208	208	0	0.000	189.600	265.861	349.400
Copper		S	8	8	0	0.000	0.010	0.018	0.028
Cyanide	ug CN/l	AS	16	16	0	0.000	1.700	3.913	9.300
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.010
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	0.021
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.014	< 0.020
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	132	132	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.019	< 0.020
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.157	0.876
Fluoride		AS	32	32	0	0.000	< 0.000	< 0.157	0.876
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	132	132	0	0.000	< 0.000	< 0.126	0.530
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z309 - Dunmurry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52	0	0.000	7.200	7.489	7.870
Iron		S	52	52	0	0.000	< 4.700	< 21.413	56.000
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 3.974	15.990
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.011
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52	0	0.000	< 0.000	< 2.198	24.600
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.820	1.345	2.100
Nitrate		S	8	8	0	0.000	1.276	3.217	7.501
Nitrite		S	8	8	0	0.000	< 0.000	< 0.009	0.021
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.002	< 0.010
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.326	0.420
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.006	0.011
Sodium		S	8	8	0	0.000	13.218	15.087	17.136
Sulphate		AS	16	16	0	0.000	8.431	17.820	38.750
Taste	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	0.000	< 0.163	< 1.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	132	132	0	0.000	< 0.010	< 0.289	0.810
Total Coliforms		S	132	132	1	0.758	0.000	0.136	18.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16	0	0.000	3.960	5.221	7.111
Total Pesticides	ug/l	AS	16	16	0	0.000	< 0.017	< 0.032	0.055
Total Trihalomethanes	ug/l	S	24	16	200	0.000	67.100	118.736	154.100
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	52	52	0	0.000	0.088	0.144	0.520
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61003

This zone has a surface water source :R3391

PCV Exceedances:

Sample failed 07-MAR-2006 (W3315OUT) Clostridium perfringens (sulph red) = 1 No./100.  
Sample failed 07-APR-2006 (Z309AE) Total Coliforms = 18 No./100.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z309 - Dunmurry  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z310 - Dunore East  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	23		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S 52	52		0	0.000	< 0.000	< 5.196	26.000
Ammonium	S	S 52	52		0	0.000	< 0.000	< 0.017	0.154
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.490	0.711	1.100
Asulam	ug/l	AS 24	23		0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS 24	23		0	0.000	0.008	0.014	0.028
Azinphos methyl	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	23		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	23		0	0.000	0.000	31.652	61.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.969	8.600
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	23		0	0.000	7.863	23.876	25.836
Chlorpropham	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)	AS	AS 365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S 52	52		0	0.000	0.000	11.058	232.000
Colony Counts 37 (48hrs)	S	S 52	52		0	0.000	0.000	1.673	54.000
Colour	S	S 52	52		0	0.000	1.500	3.448	10.400
Conductivity	AS	AS 365	365		0	0.000	258.200	297.141	1130.00
Copper	S	S 8	8		0	0.000	< 0.002	< 0.027	0.109
Cyanide	ug CN/l	AS 24	23		0	0.000	< 0.660	< 3.424	7.000
Cypermethrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	23		0	0.000	< 0.020	< 0.022	0.055
Dichlorvos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	23		0	0.000	< 0.006	< 0.013	0.035
Diuron	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S 168	168		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS 48	46		0	0.000	< 0.000	< 0.057	0.248
Flutriafol	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S 168	168		0	0.000	< 0.000	< 0.151	0.540
Gamma-HCH (Lindane)	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 24	23		0	0.000	0.000	0.000	0.005

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z310 - Dunore East  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	7.240	7.609	8.390
Iron		S 52	52		0	0.000	< 0.000	< 16.598	148.400
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.310	< 1.000
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 0.667	8.200
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.710	1.206	1.900
Nitrate		S 8	8		0	0.000	1.121	3.497	7.752
Nitrite		S 8	8		0	0.000	< 0.000	< 0.007	0.022
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
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.321	0.400
Simazine	ug/l	AS 24	23		0	0.000	0.004	0.008	0.017
Sodium		S 8	8		0	0.000	12.980	14.221	15.425
Sulphate		AS 24	23		0	0.000	1.118	14.328	24.714
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.065	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 168	168		0	0.000	0.040	0.333	0.810
Total Coliforms		S 168	168		1	0.595	0.000	0.006	1.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	3.550	4.673	6.465
Total Pesticides	ug/l	AS 24	23		0	0.000	< 0.015	< 0.030	0.075
Total Trihalomethanes	ug/l	S 24	23		150	1	4.348	31.100	85.755
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 52	52		0	0.000	0.080	0.142	0.450
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 79402

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 06-JUL-2006 (Z310AE) Total Coliforms = 1 No./100m.

Sample failed 21-AUG-2006 (Z310AE) Total Trihalomethanes = 155.3 ug/l.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z310 - Dunore East  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z311 - Hollywood  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	7		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	7		0	0			
Aldrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 4	4		0	0.000	< 0.000	< 17.550	38.700
Ammonium		S 4	4		0	0.000	< 0.000	< 0.006	0.024
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.770	1.015	1.400
Asulam	ug/l	AS 8	7		0	0.000	< 0.003	< 0.004	0.010
Atrazine	ug/l	AS 8	7		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	7		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS 8	7		0	0.000	< 26.000	< 41.000	93.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 1.913	3.700
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	26.489	28.774	30.284
Chlorpropham	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	7		0	0.000	< 0.007	< 0.015	0.064
Clostridium perfringens (sulph red)		AS 12	12		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 4	4		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)		S 4	4		0	0.000	0.000	0.250	1.000
Colour		S 4	4		0	0.000	< 0.000	< 3.103	7.100
Conductivity		AS 12	12		0	0.000	256.500	268.258	276.000
Copper		S 4	4		0	0.000	0.009	0.031	0.070
Cyanide	ug CN/l	AS 8	7		0	0.000	1.300	4.557	7.000
Cypermethrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	7		0	0.000	< 0.003	< 0.004	0.010
Dichlorbenil	ug/l	AS 8	7		0	0.000	< 0.020	< 0.021	0.029
Dichlorophen	ug/l	AS 8	7		0	0.000	< 0.020	< 0.023	0.038
Dichlorvos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	7		0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS 8	7		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	0.030	0.069	0.100
Flutriafol	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 12	12		0	0.000	0.030	0.252	1.100
Gamma-HCH (Lindane)	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	7		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 8	7		0	0.000	0.000	0.000	0.000

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z311 - Hollywood  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		0	0.000	7.180	7.445	7.940
Iron		S 4	4		0	0.000	24.600	58.625	97.800
Isoproturon	ug/l	AS 8	7		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 4	4		0	0.000	< 0.000	< 1.545	3.960
MCPA	ug/l	AS 8	7		0	0.000	< 0.004	< 0.006	0.023
Malathion	ug/l	AS 8	7		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 4.175	13.700
Mecoprop (MCP)	ug/l	AS 8	7		0	0.000	< 0.006	< 0.009	0.031
Mercury	ug Hg/l	AS 8	7		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	< 0.160	< 1.055	2.100
Nitrate		S 4	4		0	0.000	0.659	5.716	8.208
Nitrite		S 4	4		0	0.000	< 0.000	< 0.008	0.019
Odour	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 4	4		0	0.000	0.000	< 0.000	< 0.001
Parathion	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.373	0.560
Simazine	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 4	4		0	0.000	9.145	11.063	12.377
Sulphate		AS 8	8		0	0.000	22.964	25.356	27.007
Taste	Diln No	S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	7		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	7		0	0.000	0.000	0.000	0.000
Tetrachloromethane	ug/l	AS 8	7		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.170	0.398	1.200
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	7		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	4.960	5.893	8.200
Total Pesticides	ug/l	AS 8	7		0	0.000	< 0.000	< 0.035	0.130
Total Trihalomethanes	ug/l	S 12	12	150	2	16.667	23.300	98.583	163.100
Trifluralin	ug/l	AS 8	7		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	7		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 4	4		0	0.000	0.110	0.180	0.250
op-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4240

This zone has a surface water source :R3320

PCV Exceedances:

Sample failed 07-AUG-2006 (Z311AE) Total Trihalomethanes = 159.8 ug/l.

Sample failed 21-AUG-2006 (Z311AE) Total Trihalomethanes = 163.1 ug/l.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z311 - Hollywood  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z312 - Kilkeel/Annalong  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	16		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	16		1	100.00	0.114	0.114	0.114
Aldrin	ug/l	AS 24	16		0	0.000	< 0.004	< 0.004	0.004
Alpha-cypermethrin	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 36	36	400	0	0.000	< 9.200	< 93.925	282.200
Ammonium		S 24	24		0	0.000	< 0.000	< 0.007	0.035
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.250	0.418	0.670
Asulam	ug/l	AS 24	16		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 24	16		0	0.000	< 0.001	< 0.001	0.003
Azinphos methyl	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	16		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS 24	16		0	0.000	< 26.000	< 28.125	< 34.000
Bromate	ug/l	S 8	8		1	12.500	< 0.950	< 5.581	18.000
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.018	0.041
Carbendazim	ug/l	AS 24	16		0	0.000	< 0.003	< 0.003	0.004
Chlorfenvinphos	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 24	16		0	0.000	2.813	10.879	14.268
Chlorpropham	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	16		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	16		0	0.000	< 0.007	< 0.008	0.022
Clostridium perfringens (sulph red)		AS 152	128		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 24	24		0	0.000	0.000	1.917	27.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	0.208	3.000
Colour		S 24	25		1	4.000	< 0.300	< 4.907	20.800
Conductivity		AS 152	128		0	0.000	55.180	85.180	113.500
Copper		S 8	8		0	0.000	< 0.000	< 0.009	0.029
Cyanide	ug CN/l	AS 24	16		0	0.000	< 0.270	< 2.664	11.000
Cypermethrin	ug/l	AS 24	16		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	16		0	0.000	< 0.003	< 0.004	0.006
Dichlorbenil	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	16		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	15		0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS 24	16		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	16		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	16		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	16		0	0.000	< 0.004	< 0.019	< 0.020
Fluoride		AS 32	19		0	0.000	< 0.000	< 0.117	0.890
Flutriafol	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 36	36		0	0.000	0.020	0.468	1.240
Gamma-HCH (Lindane)	ug/l	AS 24	16		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	16		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	0.002
Heptachlor epoxide	ug/l	AS 24	16		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z312 - Kilkeel/Annalong  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		1	4.167	6.190	7.515	9.390
Iron		S 24	24		0	0.000	< 0.000	< 35.825	139.900
Isoproturon	ug/l	AS 24	16		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	9		0	0.000	< 0.000	< 0.911	5.950
MCPA	ug/l	AS 24	16		0	0.000	< 0.004	< 0.004	0.005
Malathion	ug/l	AS 24	16		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 2.429	10.500
Mecoprop (MCP)	ug/l	AS 24	16		1	6.250	< 0.006	< 0.016	0.120
Mercury	ug Hg/l	AS 24	16		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.189	0.270
Nitrate		S 8	8		0	0.000	0.521	1.056	1.779
Nitrite		S 8	8		0	0.000	< 0.000	< 0.009	0.030
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	< 0.003
Parathion	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.314	0.340
Simazine	ug/l	AS 24	16		0	0.000	< 0.002	< 0.002	0.004
Sodium		S 8	8		0	0.000	4.986	7.666	16.508
Sulphate		AS 24	16		0	0.000	< 0.603	< 15.236	36.770
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	16		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	16		0	0.000	0.000	< 0.063	< 1.000
Tetrachloromethane	ug/l	AS 24	16		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.040	0.535	1.350
Total Coliforms		S 36	36		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	16		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	16		0	0.000	0.200	1.851	4.122
Total Pesticides	ug/l	AS 24	16		0	0.000	0.000	0.023	0.121
Total Trihalomethanes	ug/l	S 12	13		250	0.000	29.200	48.840	65.600
Trifluralin	ug/l	AS 24	16		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 24	16		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	25		0	0.000	0.080	0.302	0.890
op-DDT	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	16		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11658

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 23-MAY-2006 (W3396OUT) 2.4 D = 0.1140 ug/.  
 Sample failed 14-AUG-2006 (Z312AE) Bromate = 18.0000 ug.  
 Sample failed 13-MAR-2006 (Z312AE) Colour = 20.8 mg/l.  
 Sample failed 28-FEB-2006 (Z312AE) Hydrogen Ion = 6.19 pH va.  
 Sample failed 27-JUN-2006 (W3396OUT) Mecoprop (MCP) = 0.1200 ug/.

Water Supply Zone - Z312 - Kilkeel/Annalong  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z313 - Lisbane  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	23		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	24		0	0			
Aldrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	24	24		0	0.000	26.000	44.771	62.700
Ammonium	S	24	24		0	0.000	< 0.000	< 0.005	0.064
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.180	0.306	0.450
Asulam	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS 24	23		0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	23		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.001
Boron	ug B/l	AS 24	23		0	0.000	< 0.026	< 27.349	42.000
Bromate	ug/l	S 8	8		0	0.000	1.200	4.050	8.000
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.015	0.020
Carbendazim	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	23		0	0.000	8.364	8.990	9.876
Chlorpropham	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24		0	0.000	0.000	1.625	25.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	1.583	15.000
Colour	S	24	24		0	0.000	< 0.000	< 0.845	2.400
Conductivity	AS	365	365		0	0.000	83.610	101.432	240.600
Copper	S	8	8		0	0.000	< 0.000	< 0.003	0.008
Cyanide	ug CN/l	AS 24	23		0	0.000	< 0.270	< 0.928	2.000
Cypermethrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	23		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	60	60		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	48	46		0	0.000	0.000	0.084	0.182
Flutriafol	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	60	60		0	0.000	0.020	0.408	1.700
Gamma-HCH (Lindane)	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 24	23		0	0.000	0.000	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z313 - Lisbane  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.200	7.566	7.820
Iron		S 24	24		0	0.000	< 1.800	< 25.625	73.500
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.116	< 0.580
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 1.225	5.500
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.229	0.710
Nitrate		S 8	8		0	0.000	1.484	1.907	2.132
Nitrite		S 8	8		0	0.000	< 0.000	< 0.001	0.007
Odour	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.814	6.405	7.900
Sulphate		AS 24	23		0	0.000	14.150	20.000	44.322
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.043	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 60	60		0	0.000	0.050	0.457	1.800
Total Coliforms		S 60	60		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	0.672	1.109	2.100
Total Pesticides	ug/l	AS 24	23		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	27.300	32.188	39.100
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.083	5.900
Turbidity		S 24	24		0	0.000	0.080	0.130	0.230
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24982

This zone has a surface water source :R3302

PCV Exceedances:

Water Quality was satisfactory

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z313 - Lisbane  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z314 - Lisburn North  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	7		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	7		0	0			
Aldrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	< 0.000	< 6.775	66.400
Ammonium		S 24	24		0	0.000	< 0.000	< 0.011	0.089
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.210	0.726	1.200
Asulam	ug/l	AS 8	7		0	0.000	< 0.003	< 0.006	0.022
Atrazine	ug/l	AS 8	7		0	0.000	0.006	0.013	0.028
Azinphos methyl	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	7		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	7		0	0.000	< 26.000	< 35.714	47.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.338	3.900
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	20.517	23.411	25.307
Chlorpropham	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	7		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 12	12		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 24	24		0	0.000	0.000	0.667	9.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	1.292	9.000
Colour		S 24	24		0	0.000	< 0.300	< 9.014	17.500
Conductivity		AS 12	12		0	0.000	234.500	272.433	297.400
Copper		S 8	8		0	0.000	< 0.000	< 0.024	0.049
Cyanide	ug CN/l	AS 8	7		0	0.000	< 0.270	< 3.524	5.000
Cypermethrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	7		0	0.000	< 0.006	< 0.010	< 0.020
Diuron	ug/l	AS 8	7		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 48	48		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.000	< 0.041	0.100
Flutriafol	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 48	48		0	0.000	0.020	0.190	0.900
Gamma-HCH (Lindane)	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	7		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 8	7		0	0.000	0.000	0.000	0.000

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.010	7.401	7.930
Iron		S 24	24		0	0.000	< 1.800	< 19.733	55.000
Isoproturon	ug/l	AS 8	7		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	7		0	0.000	< 0.000	< 1.623	6.230
MCPA	ug/l	AS 8	7		0	0.000	< 0.004	< 0.005	0.010
Malathion	ug/l	AS 8	7		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 3.400	13.400
Mecoprop (MCP)	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 8	7		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.160	1.228	2.200
Nitrate		S 8	8		0	0.000	0.835	2.673	6.823
Nitrite		S 8	8		0	0.000	< 0.000	< 0.006	0.019
Odour	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.311	0.320
Simazine	ug/l	AS 8	7		0	0.000	0.005	0.007	0.011
Sodium		S 8	8		0	0.000	5.580	13.010	15.365
Sulphate		AS 8	8		0	0.000	11.231	14.672	17.395
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	7		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	7		0	0.000	0.000	< 0.023	< 0.158
Tetrachloromethane	ug/l	AS 8	7		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 48	48		0	0.000	0.030	0.349	1.060
Total Coliforms		S 48	48		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	7		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	3.730	5.036	6.638
Total Pesticides	ug/l	AS 8	7		0	0.000	< 0.014	< 0.030	0.051
Total Trihalomethanes	ug/l	S 12	12		200	0.000	86.700	108.439	154.200
Trifluralin	ug/l	AS 8	7		0	0.000	< 0.008	< 0.011	0.029
Tritium	Bq/l	AS 8	7		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	0.082	0.149	0.250
op-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 18142

This zone has a surface water source :R3786

PCV Exceedances:

Water Quality was satisfactory

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Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z315 - Lisnabreeny  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	24	23	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	24	23	0	0			
Aldrin	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	52	52	2	3.846	11.700	58.060	311.000
Ammonium	S	S	52	52	0	0.000	< 0.000	< 0.010	0.077
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.180	0.286	0.550
Asulam	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	24	23	0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	23	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	24	23	0	0.000	< 0.026	< 27.349	42.000
Bromate	ug/l	S	8	8	0	0.000	1.500	3.300	6.200
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.019	0.028
Carbendazim	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	24	23	0	0.000	8.364	8.990	9.876
Chlorpropham	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	24	23	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	24	23	0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	52	52	0	0.000	0.000	2.154	55.000
Colony Counts 37 (48hrs)	S	S	52	52	0	0.000	0.000	0.981	18.000
Colour	S	S	52	52	0	0.000	< 0.000	< 1.228	13.200
Conductivity	AS	AS	365	365	0	0.000	83.610	101.432	240.600
Copper	S	S	8	8	0	0.000	< 0.000	< 0.002	0.006
Cyanide	ug CN/l	AS	24	23	0	0.000	< 0.270	< 0.928	2.000
Cypermethrin	ug/l	AS	24	23	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	24	23	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	24	23	0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS	24	23	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	156	156	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	48	46	0	0.000	0.000	0.084	0.182
Flutriafol	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	156	156	0	0.000	< 0.010	< 0.339	1.030
Gamma-HCH (Lindane)	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	24	23	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	24	23	0	0.000	0.000	< 0.000	< 0.003

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 Water Supply Zone - Z315 - Lisnabreeny  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	7.020	7.558	8.370
Iron		S 52	52		1	1.923	< 0.000	< 38.912	638.500
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.968	10.260
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 1.502	28.700
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.186	0.320
Nitrate		S 8	8		0	0.000	1.111	2.024	3.478
Nitrite		S 8	8		0	0.000	< 0.000	< 0.002	0.007
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
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.690	6.221	7.093
Sulphate		AS 24	23		0	0.000	14.150	20.000	44.322
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.043	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 156	156		0	0.000	0.040	0.383	1.060
Total Coliforms		S 156	156		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	0.672	1.109	2.100
Total Pesticides	ug/l	AS 24	23		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	7		0	0.000	23.000	34.271	64.000
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.083	5.900
Turbidity		S 52	52		0	0.000	0.080	0.212	2.560
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 74099

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 27-MAR-2006 (Z315AE) Aluminium = 217 ug Al/.

Sample failed 07-NOV-2006 (Z315AE) Aluminium = 311 ug Al/.

Sample failed 07-NOV-2006 (Z315AE) Iron = 639 ug Fe/.

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Water Supply Zone - Z316 - Lough Cowey  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS 8	7		0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS 8	7		0	0			
Aldrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 12	12		0	0.000	< 0.200	< 11.058	43.000
Ammonium		S 12	12		0	0.000	< 0.000	< 0.012	0.091
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.720	1.103	1.800
Asulam	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	7		0	0.000	< 0.001	< 0.002	0.004
Azinphos methyl	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	0.005
Benzene	ug/l	AS 8	7		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	7		0	0.000	< 26.000	< 28.000	< 34.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 0.994	1.300
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	7		0	0.000	44.338	45.837	49.154
Chlorpropham	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	7		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 12	12		0	0.000	0.000	7.000	44.000
Colony Counts 37 (48hrs)		S 12	12		0	0.000	0.000	2.167	18.000
Colour		S 12	12		0	0.000	2.200	3.106	4.200
Conductivity		AS 24	24		0	0.000	445.800	469.929	488.000
Copper		S 8	8		0	0.000	0.005	0.116	0.539
Cyanide	ug CN/l	AS 8	7		0	0.000	< 0.270	< 2.439	4.600
Cypermethrin	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	0.023
Dichlorophen	ug/l	AS 8	7		0	0.000	< 0.020	< 0.024	0.050
Dichlorvos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	7		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	7		0	0.000	< 0.006	< 0.010	< 0.020
Diuron	ug/l	AS 8	7		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 24	24		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	7		0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	14		0	0.000	< 0.000	< 0.026	0.054
Flutriafol	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 24	24		0	0.000	< 0.010	< 0.105	0.720
Gamma-HCH (Lindane)	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	7		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 8	7		0	0.000	0.000	0.000	0.000

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 12	12		0	0.000	7.060	7.287	7.470
Iron		S 12	12		0	0.000	< 2.000	< 27.850	69.400
Isoproturon	ug/l	AS 8	7		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.470	1.760
MCPA	ug/l	AS 8	7		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 8	7		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 12	12		1	8.333	< 0.000	< 19.008	201.500
Mecoprop (MCP)	ug/l	AS 8	7		3	42.857	< 0.006	< 0.088	0.190
Mercury	ug Hg/l	AS 8	7		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.356	0.990
Nitrate		S 8	8		0	0.000	0.992	9.299	18.100
Nitrite		S 8	8		0	0.000	< 0.000	< 0.006	0.021
Odour	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.000	< 0.001
Parathion	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.424	0.600
Simazine	ug/l	AS 8	7		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.804	21.215	25.350
Sulphate		AS 8	7		0	0.000	52.114	54.628	58.434
Taste	Diln No	S 12	12		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	7		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	7		0	0.000	0.000	0.000	0.000
Tetrachloromethane	ug/l	AS 8	7		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 24	24		0	0.000	0.060	0.322	0.850
Total Coliforms		S 24	24		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	7		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	7		0	0.000	3.670	3.901	4.129
Total Pesticides	ug/l	AS 8	7		0	0.000	0.002	0.100	0.219
Total Trihalomethanes	ug/l	S 12	10		150	0.000	43.000	69.110	98.900
Trifluralin	ug/l	AS 8	7		0	0.000	< 0.008	< 0.009	0.014
Tritium	Bq/l	AS 8	7		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 12	12		0	0.000	0.130	0.211	0.370
op-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	7		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 7735

This zone has a surface water source :R3505

PCV Exceedances:

Sample failed 01-AUG-2006 (Z316AE) Manganese = 202 ug Mn/.  
 Sample failed 31-MAY-2006 (W3505OUT) Mecoprop (MCP) = 0.1900 ug/.  
 Sample failed 02-JUN-2006 (W3505OUT) Mecoprop (MCP) = 0.1700 ug/.  
 Sample failed 10-JUL-2006 (W3505OUT) Mecoprop (MCP) = 0.1200 ug/.

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Water Supply Zone - Z316 - Lough Cowey  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z317 - North Peninsula

: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Min.	Mean	Max	
1.2 Dichloroethane	ug/l	AS	40	39		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	40	39		0	0			
Aldrin	ug/l	AS	40	39		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	36	36		0	0.000	< 1.900	< 31.636	172.900
Ammonium		S	36	36		0	0.000	< 0.000	< 0.004	0.041
Antimony	ug Sb/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8		0	0.000	0.710	1.354	2.000
Asulam	ug/l	AS	40	39		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS	40	39		0	0.000	0.001	0.002	0.008
Azinphos methyl	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	40	39		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	40	39		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	40	39		0	0.000	< 0.026	< 28.719	42.000
Bromate	ug/l	S	8	8		0	0.000	< 0.950	< 1.925	4.300
Cadmium	ug Cd/l	S	8	8		0	0.000	0.000	0.017	0.029
Carbendazim	ug/l	AS	40	39		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	40	39		0	0.000	8.364	15.915	35.189
Chlorpropham	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	40	39		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	40	39		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)		AS	417	417		0	0.000	0.000	0.000	0.000
Colony Counts 22		S	36	36		0	0.000	0.000	1.722	46.000
Colony Counts 37 (48hrs)		S	36	36		0	0.000	0.000	3.444	65.000
Colour		S	36	36		0	0.000	< 0.230	< 0.820	5.000
Conductivity		AS	453	453		0	0.000	83.610	139.416	424.000
Copper		S	8	8		0	0.000	< 0.000	< 0.015	0.058
Cyanide	ug CN/l	AS	40	39		0	0.000	< 0.270	< 1.023	2.000
Cypermethrin	ug/l	AS	40	39		0	0.000	< 0.004	< 0.005	0.011
Diazinon	ug/l	AS	40	39		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	40	39		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	40	39		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	40	39		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	40	39		0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	40	39		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	120	120		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	40	39		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	40	39		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	80	78		0	0.000	< 0.000	< 0.112	0.850
Fluoride		AS	80	78		0	0.000	< 0.000	< 0.112	0.850
Flutriafol	ug/l	AS	40	39		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	120	120		0	0.000	< 0.010	< 0.235	0.610
Gamma-HCH (Lindane)	ug/l	AS	40	39		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	40	39		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	40	39		0	0.000	< 0.002	< 0.002	0.007
Heptachlor epoxide	ug/l	AS	40	39		0	0.000	0.000	< 0.000	< 0.003

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	36	36	0	0.000	7.610	7.798	8.020
Iron		S	36	36	0	0.000	< 0.000	< 21.067	115.700
Isoproturon	ug/l	AS	40	39	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 2.371	9.100
MCPA	ug/l	AS	40	39	0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS	40	39	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	36	36	0	0.000	< 0.000	< 0.703	5.000
Mecoprop (MCP)	ug/l	AS	40	39	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	40	39	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.160	< 0.160	< 0.160
Nitrate		S	8	8	0	0.000	7.249	16.536	27.290
Nitrite		S	8	8	0	0.000	< 0.000	< 0.002	0.006
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
Parathion	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	40	39	0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.339	0.520
Simazine	ug/l	AS	40	39	0	0.000	< 0.002	< 0.002	0.004
Sodium		S	8	8	0	0.000	9.805	15.317	17.602
Sulphate		AS	40	39	0	0.000	14.150	24.922	44.322
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	40	39	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	40	39	0	0.000	0.000	< 0.077	< 1.000
Tetrachloromethane	ug/l	AS	40	39	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	120	120	0	0.000	0.060	0.281	0.730
Total Coliforms		S	120	120	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	40	39	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	40	39	0	0.000	0.600	1.225	8.700
Total Pesticides	ug/l	AS	40	39	0	0.000	< 0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S	8	8	0	0.000	27.400	37.038	51.600
Trifluralin	ug/l	AS	40	39	0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS	40	39	0	0.000	< 4.000	< 4.049	5.900
Turbidity		S	36	36	0	0.000	0.060	0.208	2.220
op-DDT	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	40	39	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 54937

This zone has a surface water source :R3341

PCV Exceedances:

Water Quality was satisfactory

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Water Supply Zone - Z318 - Oldpark  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 36	35		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 36	35		0	0.000	< 0.005	< 0.005	< 0.005
Aldrin	ug/l	AS 36	35		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	52	52		0	0.000	< 0.000	< 13.708	73.700
Ammonium	S	52	52		0	0.000	< 0.000	< 0.007	0.050
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.550	0.805	1.400
Asulam	ug/l	AS 36	35		0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS 36	35		0	0.000	0.004	0.011	0.028
Azinphos methyl	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 36	35		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 36	35		0	0.000	0.000	30.171	61.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.725	4.600
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.019	0.032
Carbendazim	ug/l	AS 36	35		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 36	35		0	0.000	7.863	22.802	25.836
Chlorpropham	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 36	35		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 36	35		0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)	AS	573	573		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52		0	0.000	0.000	6.923	120.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	4.327	83.000
Colour	S	52	52		0	0.000	1.300	2.918	5.060
Conductivity	AS	573	573		0	0.000	258.200	303.734	1130.00
Copper	S	8	8		0	0.000	< 0.004	< 0.080	0.430
Cyanide	ug CN/l	AS 36	35		0	0.000	< 0.660	< 3.216	7.000
Cypermethrin	ug/l	AS 36	35		0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 36	35		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 36	35		0	0.000	< 0.020	< 0.021	0.055
Dichlorvos	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 36	35		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 36	35		0	0.000	< 0.006	< 0.012	0.035
Diuron	ug/l	AS 36	35		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	144	144		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 36	35		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 36	35		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	72	70		0	0.000	< 0.000	< 0.070	0.881
Fluoride	AS	72	70		0	0.000	< 0.000	< 0.070	0.881
Flutriafol	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	144	144		0	0.000	< 0.010	< 0.155	0.600
Gamma-HCH (Lindane)	ug/l	AS 36	35		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 36	35		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 36	35		0	0.000	0.000	0.000	0.005

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 Water Supply Zone - Z318 - Oldpark  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	6.990	7.455	8.380
Iron		S 52	52		1	1.923	< 0.200	< 45.950	227.300
Isoproturon	ug/l	AS 36	35		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 2.383	7.470
MCPA	ug/l	AS 48	35		1	2.857	< 0.004	< 0.010	0.120
Malathion	ug/l	AS 36	35		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 2.281	15.800
Mecoprop (MCP)	ug/l	AS 36	35		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 36	35		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.650	1.269	1.600
Nitrate		S 8	8		0	0.000	1.617	3.126	6.433
Nitrite		S 8	8		0	0.000	< 0.000	< 0.007	0.034
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
Parathion	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 36	35		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 36	35		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 36	35		0	0.000	< 0.002	< 0.006	0.017
Sodium		S 8	8		0	0.000	12.073	14.050	15.555
Sulphate		AS 36	35		0	0.000	1.118	35.458	89.234
Taste	Diln No	S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 36	35		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 36	35		0	0.000	0.000	< 0.071	< 1.000
Tetrachloromethane	ug/l	AS 36	35		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 144	144		0	0.000	0.020	0.326	0.810
Total Coliforms		S 144	144		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 36	35		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 36	35		0	0.000	1.630	3.739	6.465
Total Pesticides	ug/l	AS 36	35		0	0.000	< 0.007	< 0.033	0.138
Total Trihalomethanes	ug/l	S 12	12		250	0.000	29.600	81.751	181.400
Trifluralin	ug/l	AS 36	35		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 36	35		0	0.000	< 4.000	< 4.051	5.800
Turbidity		S 52	52		0	0.000	0.090	0.219	0.610
op-DDT	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 36	35		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 75167

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 29-AUG-2006 (Z318AE) Iron = 227 ug Fe/.  
 Sample failed 08-AUG-2006 (W3317OUT) MCPA = 0.1200 ug/.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z318 - Oldpark  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z319 - Purdysburn South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	23		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	23		0	0			
Aldrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	36	36		1	2.778	11.000	63.000	580.400
Ammonium	S	36	36		0	0.000	< 0.000	< 0.008	0.070
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.369	0.990
Arsenic	ug As/l	S 8	8		0	0.000	0.180	0.281	0.480
Asulam	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS 24	23		0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	23		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.000	< 0.001	< 0.001
Boron	ug B/l	AS 24	23		0	0.000	< 0.026	< 27.349	42.000
Bromate	ug/l	S 8	8		0	0.000	1.600	3.813	6.000
Cadmium	ug Cd/l	S 8	8		0	0.000	0.000	0.023	0.096
Carbendazim	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	23		0	0.000	8.364	8.990	9.876
Chlorpropham	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.288	0.340
Clopyralid	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36		0	0.000	0.000	1.444	25.000
Colony Counts 37 (48hrs)	S	36	36		0	0.000	0.000	1.000	17.000
Colour	S	36	36		0	0.000	< 0.000	< 1.403	8.500
Conductivity	AS	365	365		0	0.000	83.610	101.432	240.600
Copper	S	8	8		0	0.000	< 0.000	< 0.007	0.013
Cyanide	ug CN/l	AS 24	23		0	0.000	< 0.270	< 0.928	2.000
Cypermethrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	23		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	108	108		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	48	46		0	0.000	0.000	0.084	0.182
Flutriafol	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	108	108		0	0.000	< 0.010	< 0.227	0.820
Gamma-HCH (Lindane)	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 24	23		0	0.000	< 0.000	< 0.000	< 0.003

Water Supply Zone - Z319 - Purdysburn South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	7.160	7.508	7.850
Iron		S 36	36		1	2.778	< 1.900	< 44.083	418.600
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.740	4.520
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		0	0.000	< 0.000	< 2.333	42.100
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.203	0.410
Nitrate		S 8	8		0	0.000	1.695	2.207	3.732
Nitrite		S 8	8		0	0.000	< 0.000	< 0.005	0.014
Odour	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	< 0.000	< 0.003	< 0.010
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.531	6.196	6.703
Sulphate		AS 24	23		0	0.000	14.150	20.000	44.322
Taste	Diln No	S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.043	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 108	108		0	0.000	0.040	0.315	0.880
Total Coliforms		S 108	108		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	0.672	1.109	2.100
Total Pesticides	ug/l	AS 24	23		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	24.000	34.913	41.800
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.083	5.900
Turbidity		S 36	36		0	0.000	0.070	0.191	1.350
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31077

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 11-JUL-2006 (Z319AE) Aluminium = 580 ug Al/.

Sample failed 11-JUL-2006 (Z319AE) Iron = 419 ug Fe/.

Water Supply Zone - Z319 - Purdysburn South  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z320 - Stoneyford  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	4	4	0	0.000	< 0.000	< 4.600	< 7.300
Ammonium		S	4	4	0	0.000	< 0.000	< 0.003	0.012
Antimony	ug Sb/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	4	4	0	0.000	0.500	0.640	0.750
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	0.007	0.018	0.039
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 37.750	61.000
Bromate	ug/l	S	4	4	0	0.000	< 0.950	< 1.488	2.400
Cadmium	ug Cd/l	S	4	4	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	16.731	20.309	22.977
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	0.010
Clostridium perfringens (sulph red)		AS	104	104	1	0.962	0.000	0.010	1.000
Colony Counts 22		S	4	4	0	0.000	0.000	6.500	14.000
Colony Counts 37 (48hrs)		S	4	4	0	0.000	0.000	1.750	3.000
Colour		S	4	4	0	0.000	9.500	13.150	16.100
Conductivity		AS	104	104	0	0.000	189.600	227.019	257.000
Copper		S	4	4	0	0.000	0.008	0.046	0.130
Cyanide	ug CN/l	AS	8	8	0	0.000	1.800	4.063	9.300
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	12	12	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.000	< 0.155	0.876
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	12	12	0	0.000	< 0.010	< 0.079	0.210
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z320 - Stoneyford  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4	0	0.000	7.330	7.490	7.650
Iron		S	4	4	0	0.000	< 3.300	< 20.250	36.500
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4	0	0.000	< 0.000	< 0.470	< 1.410
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.007
Malathion	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4	0	0.000	< 0.000	< 2.575	8.300
Mecoprop (MCP)	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	8	8	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4	0	0.000	1.000	1.475	2.000
Nitrate		S	4	4	0	0.000	0.499	1.956	3.099
Nitrite		S	4	4	0	0.000	< 0.000	< 0.009	0.024
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	< 0.003	< 0.010
Parathion	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	4	4	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	0.004	0.006	0.010
Sodium		S	4	4	0	0.000	12.325	13.121	13.646
Sulphate		AS	8	8	0	0.000	8.431	14.801	38.750
Taste	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12	0	0.000	0.090	0.218	0.370
Total Coliforms		S	12	12	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	8	8	0	0.000	5.040	5.997	7.111
Total Pesticides	ug/l	AS	8	8	0	0.000	< 0.017	< 0.029	0.044
Total Trihalomethanes	ug/l	S	12	5	200	1	20.000	66.900	101.580
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	8	8	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4	0	0.000	0.110	0.148	0.180
op-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 5947

This zone has a surface water source :R3315

PCV Exceedances:

Sample failed 07-MAR-2006 (W3315OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 16-NOV-2006 (Z320AE) Total Trihalomethanes = 173.5 ug/l.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z320 - Stoneyford  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z321 - Woodvale  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	24	23	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	24	23	0	0			
Aldrin	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	76	76	0	0.000	< 0.000	< 3.624	28.900
Ammonium	S	S	76	76	0	0.000	< 0.000	< 0.011	0.193
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.600	0.975	1.400
Asulam	ug/l	AS	24	23	0	0.000	0.000	0.003	0.010
Atrazine	ug/l	AS	24	23	0	0.000	0.008	0.014	0.028
Azinphos methyl	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	23	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	24	23	0	0.000	0.000	31.652	61.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.388	2.600
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	24	23	0	0.000	7.863	23.876	25.836
Chlorpropham	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	24	23	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	24	23	0	0.000	< 0.007	< 0.007	0.012
Clostridium perfringens (sulph red)	AS	AS	365	365	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	76	76	0	0.000	0.000	5.434	160.000
Colony Counts 37 (48hrs)	S	S	76	76	0	0.000	0.000	3.158	104.000
Colour	S	S	76	76	0	0.000	1.200	3.133	7.600
Conductivity	AS	AS	365	365	0	0.000	258.200	297.141	1130.00
Copper	S	S	8	8	0	0.000	< 0.002	< 0.012	0.030
Cyanide	ug CN/l	AS	24	23	0	0.000	< 0.660	< 3.424	7.000
Cypermethrin	ug/l	AS	24	23	0	0.000	< 0.004	< 0.005	0.012
Diazinon	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	24	23	0	0.000	< 0.020	< 0.022	0.055
Dichlorvos	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	24	23	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	24	23	0	0.000	< 0.006	< 0.013	0.035
Diuron	ug/l	AS	24	23	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	204	204	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	23	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	48	46	0	0.000	< 0.000	< 0.057	0.248
Flutriafol	ug/l	AS	24	23	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	204	204	0	0.000	< 0.000	< 0.214	0.990
Gamma-HCH (Lindane)	ug/l	AS	24	23	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	24	23	0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS	24	23	0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS	24	23	0	0.000	0.000	0.000	0.005

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z321 - Woodvale  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 76	76		0	0.000	7.300	7.544	8.110
Iron		S 76	76		1	1.316	< 0.000	< 19.034	203.500
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 5.106	11.100
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 76	76		0	0.000	< 0.000	< 0.986	20.300
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.670	0.841	1.200
Nitrate		S 8	8		0	0.000	1.418	3.512	8.380
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.031
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	< 0.001	< 0.010
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.323	0.360
Simazine	ug/l	AS 24	23		0	0.000	0.004	0.008	0.017
Sodium		S 8	8		0	0.000	5.999	13.760	19.487
Sulphate		AS 24	23		0	0.000	1.118	14.328	24.714
Taste	Diln No	S 76	76		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.065	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 204	204		0	0.000	< 0.010	< 0.418	1.300
Total Coliforms		S 204	204		2	0.980	0.000	0.495	100.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	3.550	4.673	6.465
Total Pesticides	ug/l	AS 24	23		0	0.000	< 0.015	< 0.030	0.075
Total Trihalomethanes	ug/l	S 24	9		150	0.000	62.400	98.304	140.400
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 76	76		0	0.000	0.080	0.143	0.480
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 91115

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 21-AUG-2006 (Z321AE) Iron = 204 ug Fe/.  
 Sample failed 25-JAN-2006 (Z321AE) Total Coliforms = 100 No./10.  
 Sample failed 27-JUL-2006 (Z321AE) Total Coliforms = 1 No./100m.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z321 - Woodvale  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Water Supply Zone - Z322 - Purdysburn North  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 24	23		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 24	23		0	0			
Aldrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	24	24		1	4.167	14.800	56.508	313.500
Ammonium	S	24	24		0	0.000	< 0.000	< 0.005	0.041
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.373	0.510
Asulam	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Atrazine	ug/l	AS 24	23		0	0.000	0.001	0.001	0.003
Azinphos methyl	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 24	23		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 24	23		0	0.000	< 0.026	< 27.349	42.000
Bromate	ug/l	S 8	8		0	0.000	1.200	3.388	6.100
Cadmium	ug Cd/l	S 8	6		0	0.000	< 0.017	< 0.021	0.031
Carbendazim	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS 24	23		0	0.000	8.364	8.990	9.876
Chlorpropham	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)	AS	365	365		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24		0	0.000	0.000	2.083	45.000
Colony Counts 37 (48hrs)	S	24	24		0	0.000	0.000	2.875	67.000
Colour	S	24	24		0	0.000	< 0.000	< 1.227	3.900
Conductivity	AS	365	365		0	0.000	83.610	101.432	240.600
Copper	S	8	8		0	0.000	< 0.000	< 0.069	0.519
Cyanide	ug CN/l	AS 24	23		0	0.000	< 0.270	< 0.928	2.000
Cypermethrin	ug/l	AS 24	23		0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 24	23		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 24	23		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	No./100ml	S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 24	23		0	0.000	< 0.003	< 0.003	0.004
Flumethrin	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	48	46		0	0.000	0.000	0.084	0.182
Flutriafol	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	36	36		0	0.000	0.020	0.186	0.510
Gamma-HCH (Lindane)	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	< 0.008
Heptachlor	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Heptachlor epoxide	ug/l	AS 24	23		0	0.000	0.000	< 0.000	< 0.003

Water Supply Zone - Z322 - Purdysburn North  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.230	7.565	7.950
Iron		S 24	24		0	0.000	< 0.000	< 26.196	149.300
Isoproturon	ug/l	AS 24	23		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.271	3.960
MCPA	ug/l	AS 24	23		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	23		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 1.213	10.000
Mecoprop (MCP)	ug/l	AS 24	23		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	23		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.376	1.800
Nitrate		S 8	8		0	0.000	1.048	2.041	3.704
Nitrite		S 8	8		0	0.000	< 0.000	< 0.007	0.020
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	< 0.001
Parathion	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	23		0	0.000	0.000	0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	23		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	5.576	6.941	14.025
Sulphate		AS 24	23		0	0.000	14.150	20.000	44.322
Taste	Diln No	S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	23		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	23		0	0.000	0.000	< 0.043	< 1.000
Tetrachloromethane	ug/l	AS 24	23		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.070	0.307	0.670
Total Coliforms		S 36	36		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 24	23		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	23		0	0.000	0.672	1.109	2.100
Total Pesticides	ug/l	AS 24	23		0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	31.200	44.475	69.300
Trifluralin	ug/l	AS 24	23		0	0.000	< 0.008	< 0.008	0.016
Tritium	Bq/l	AS 24	23		0	0.000	< 4.000	< 4.083	5.900
Turbidity		S 24	24		0	0.000	0.080	0.164	0.790
op-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	23		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 14933

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 27-MAR-2006 (Z322AE) Aluminium = 314 ug Al/.

Water Supply Zone - Z322 - Purdysburn North  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

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Water Supply Zone - Z401 - Belleek  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 4	4		0	0.000	< 5.900	< 8.475	< 10.000
Ammonium		S 4	4		0	0.000	< 0.000	< 0.019	< 0.074
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.240	0.390	0.620
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	0.008	0.012	0.019
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 30.625	38.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 1.963	4.500
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	15.742	20.171	22.746
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 4	4		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)		S 4	4		0	0.000	0.000	0.000	0.000
Colour		S 4	4		0	0.000	< 0.100	< 1.125	< 1.800
Conductivity		AS 24	24		0	0.000	276.000	307.633	337.000
Copper		S 4	4		0	0.000	< 0.000	< 0.008	0.032
Cyanide	ug CN/l	AS 8	8		0	0.000	< 0.660	< 1.870	2.900
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	0.006
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.018	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.000	< 0.034	0.099
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 12	12		0	0.000	0.050	0.273	0.620
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z401 - Belleek  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4	0	0.000	7.790	7.858	7.980
Iron		S	4	4	0	0.000	< 1.000	< 8.193	16.010
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4	0	0.000	< 0.060	< 0.383	< 1.000
MCPA	ug/l	AS	8	8	0	0.000	0.008	0.037	0.078
Malathion	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4	0	0.000	< 0.000	< 0.353	< 1.000
Mecoprop (MCP)	ug/l	AS	8	8	0	0.000	< 0.006	< 0.011	0.019
Mercury	ug Hg/l	AS	8	8	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4	0	0.000	0.420	0.925	1.700
Nitrate		S	4	4	0	0.000	2.623	3.236	3.844
Nitrite		S	4	4	0	0.000	< 0.000	< 0.011	0.030
Odour		S	4	4	0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.000	< 0.003	< 0.010
Parathion	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	4	4	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	0.005	0.006	0.010
Sodium		S	4	4	0	0.000	15.209	24.981	29.841
Sulphate		AS	8	8	0	0.000	7.486	58.751	76.804
Taste		S	4	4	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12	0	0.000	0.090	0.389	0.760
Total Coliforms		S	12	12	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	8	8	0	0.000	2.317	3.093	3.590
Total Pesticides	ug/l	AS	8	8	0	0.000	< 0.022	< 0.065	0.126
Total Trihalomethanes	ug/l	S	4	4	0	0.000	14.900	46.825	65.700
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	8	8	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4	0	0.000	< 0.010	< 0.140	0.330
op-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 5658

This zone has a surface water source :R4722

PCV Exceedances:

Water Quality was satisfactory

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z401 - Belleek  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z402 - Brishey  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 4	4		0	0.000	< 1.000	< 7.250	18.000
Ammonium		S 4	4		0	0.000	< 0.000	< 0.010	0.040
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	0.270	0.353	0.530
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 29.000	40.000
Bromate	ug/l	S 4	4		0	0.000	< 0.950	< 0.950	< 0.950
Cadmium	ug Cd/l	S 4	4		0	0.000	0.000	< 0.013	< 0.017
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	13.361	14.820	15.646
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	1.600	2.150	2.800
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 12	12		1	8.333	0.000	0.083	1.000
Colony Counts 22		S 4	4		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)		S 4	4		0	0.000	0.000	0.000	0.000
Colour		S 4	4		0	0.000	< 1.100	< 2.350	4.300
Conductivity		AS 12	12		0	0.000	179.000	241.392	302.000
Copper		S 4	4		0	0.000	< 0.003	< 0.032	0.093
Cyanide	ug CN/l	AS 8	8		0	0.000	< 0.270	< 1.126	3.200
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.005	0.011
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.021	0.025
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.004	0.012
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.000	< 0.010	0.033
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 12	12		0	0.000	0.040	0.306	0.530
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z402 - Brishey  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 4	4		0	0.000	7.940	8.015	8.150
Iron		S 4	4		0	0.000	< 0.000	< 13.250	25.840
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 4	4		0	0.000	< 0.000	< 0.403	1.150
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 4	4		0	0.000	< 0.000	< 0.933	3.500
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 4	4		0	0.000	< 0.160	< 0.178	0.230
Nitrate		S 4	4		0	0.000	2.760	4.224	7.749
Nitrite		S 4	4		0	0.000	< 0.000	< 0.002	0.008
Odour		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	< 0.001
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 4	4		0	0.000	< 0.310	< 0.328	0.380
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 4	4		0	0.000	8.083	10.802	17.575
Sulphate		AS 8	8		0	0.000	3.062	4.268	4.748
Taste		S 4	4		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	< 0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 12	12		0	0.000	0.100	0.443	0.770
Total Coliforms		S 12	12		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	0.770	1.140	2.108
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.000	< 0.013	< 0.050
Total Trihalomethanes	ug/l	S 4	4		0	0.000	3.800	10.825	22.900
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.263	6.100
Turbidity		S 4	4		0	0.000	< 0.010	< 0.105	0.330
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 2123

This zone has a surface water source :R4326

PCV Exceedances:

Sample failed 06-MAR-2006 (W4326OUT) Clostridium perfringens (sulph red) = 1 No./100.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z402 - Brishey  
: Period 01-JAN-2006 to 31-DEC-2006 incl.



Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z403 - Carmoney  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 9.000	< 36.365	98.100
Ammonium		S	52	52	0	0.000	< 0.000	< 0.010	0.184
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.200	0.394	0.570
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	0.001	0.002	0.005
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 29.000	< 34.000
Bromate	ug/l	S	8	8	0	0.000	3.400	6.150	9.000
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.018	0.024
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	18.548	26.365	52.303
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	156	157	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	52	52	0	0.000	0.000	6.923	202.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	3.558	160.000
Colour		S	52	52	0	0.000	< 0.000	< 2.702	19.000
Conductivity		AS	156	155	0	0.000	2.120	257.572	409.000
Copper		S	8	8	0	0.000	< 0.000	< 0.003	0.009
Cyanide	ug CN/l	AS	8	8	0	0.000	1.900	2.350	3.000
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.015	0.024
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	144	144	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.000	< 0.020	0.061
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	144	144	0	0.000	0.000	0.177	0.780
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z403 - Carmoney  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 52	52		0	0.000	6.580	7.538	8.110
Iron		S 52	52		2	3.846	< 1.000	< 43.538	284.500
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.923	5.110
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.010	0.017
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 52	52		0	0.000	< 0.000	< 3.700	15.560
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.007	0.010
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.939	3.900
Nitrate		S 8	8		0	0.000	0.568	3.609	7.844
Nitrite		S 8	8		0	0.000	< 0.000	< 0.005	0.022
Odour		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
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Sodium		S 8	8		0	0.000	5.679	16.765	31.226
Sulphate		AS 8	8		0	0.000	9.083	43.521	71.731
Taste		S 52	52		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 144	144		0	0.000	0.020	0.302	1.270
Total Coliforms		S 144	144		1	0.694	0.000	0.014	2.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	1.450	2.240	3.736
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.002	< 0.018	< 0.032
Total Trihalomethanes	ug/l	S 8	8		1	12.500	29.000	62.638	101.000
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 52	52		0	0.000	< 0.000	< 0.171	0.930
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50936

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 06-FEB-2006 (Z403AE) Iron = 284.50 ug.  
 Sample failed 13-NOV-2006 (Z403AE) Iron = 246.80 ug.  
 Sample failed 05-SEP-2006 (Z403AE) Total Coliforms = 2 No./100m.  
 Sample failed 24-OCT-2006 (Z403AE) Total Trihalomethanes = 101.0 ug/l.

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Water Supply Zone - Z403 - Carmoney  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z404 - Derg  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	< 5.000	< 20.308	43.800
Ammonium		S	24	24	0	0.000	< 0.000	< 0.030	0.242
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.200	0.446	0.720
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.003
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 30.250	35.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.856	3.500
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.024	0.074
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.010
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	3.446	18.355	22.307
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	24	24	0	0.000	0.000	0.250	4.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	0.125	1.000
Colour		S	24	24	0	0.000	< 0.000	< 1.453	4.500
Conductivity		AS	52	52	0	0.000	178.000	225.219	297.000
Copper		S	8	8	0	0.000	< 0.000	< 0.003	0.008
Cyanide	ug CN/l	AS	8	8	0	0.000	< 0.660	< 2.110	4.700
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.010
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	0.009
E. Coli		S	72	72	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	< 0.000	< 0.137	0.884
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	72	72	0	0.000	0.020	0.355	1.050
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z404 - Derg  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.160	7.927	8.600
Iron		S 24	24		0	0.000	< 1.300	< 19.238	88.880
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.161	0.840
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.012	0.040
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 1.877	11.960
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.007	0.017
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.430	2.100
Nitrate		S 24	24		0	0.000	1.833	5.162	9.795
Nitrite		S 24	24		0	0.000	< 0.000	< 0.013	0.058
Odour		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
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.311	0.320
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	10.679	13.508	14.675
Sulphate		AS 8	8		0	0.000	4.567	41.978	68.226
Taste		S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 72	72		0	0.000	0.090	0.593	1.290
Total Coliforms		S 72	72		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	1.630	2.533	3.718
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.004	< 0.021	< 0.040
Total Trihalomethanes	ug/l	S 8	7		1	14.286	15.500	78.286	108.700
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.086	0.560
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38979

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 08-SEP-2006 (Z404AE) Total Trihalomethanes = 108.7 ug/l.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z404 - Derg  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z405 - Glenhordial  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	< 2.000	< 25.129	83.000
Ammonium		S 24	24		0	0.000	< 0.000	< 0.008	0.059
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	0.200	0.411	0.840
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	< 0.001	< 0.002	0.003
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 28.000	< 34.000
Bromate	ug/l	S 8	8		0	0.000	< 0.950	< 1.494	2.900
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.019	0.033
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	0.007
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	13.510	16.960	19.280
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	0.007
Clostridium perfringens (sulph red)		AS 24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 24	24		0	0.000	0.000	4.917	72.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	1.500	33.000
Colour		S 24	24		0	0.000	< 0.000	< 1.937	6.780
Conductivity		AS 24	23		0	0.000	123.000	165.835	251.000
Copper		S 8	8		0	0.000	< 0.000	< 0.003	0.008
Cyanide	ug CN/l	AS 8	8		0	0.000	0.380	1.543	3.000
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	0.007
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.021	0.024
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.003	0.010
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 36	36		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.000	< 0.024	0.093
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 36	36		0	0.000	0.010	0.260	0.700
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	0.000

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z405 - Glenhordial  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.100	7.691	8.215
Iron		S 24	24		0	0.000	< 0.000	< 18.700	36.100
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 0.480	1.350
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.018	0.074
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 1.333	4.200
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.009	0.018
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.289	0.800
Nitrate		S 8	8		0	0.000	< 0.000	< 1.443	2.717
Nitrite		S 8	8		0	0.000	< 0.000	< 0.008	0.033
Odour		S 24	24		0	0.000	0.000	0.125	3.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.002
Sodium		S 8	8		0	0.000	9.010	10.806	13.353
Sulphate		AS 8	8		0	0.000	25.288	30.420	43.681
Taste		S 24	24		1	4.167	0.000	0.208	5.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
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	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 36	36		0	0.000	0.050	0.382	0.890
Total Coliforms		S 36	36		0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	1.820	2.354	3.696
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.003	< 0.030	0.093
Total Trihalomethanes	ug/l	S 8	8		0	0.000	22.000	52.825	82.300
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.103	0.380
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 16743

This zone has a surface water source :R4541

PCV Exceedances:

Sample failed 18-SEP-2006 (Z405AE) Taste = 5.0 Diln N.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z405 - Glenhordial  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z407 - Killyhevin  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	52	52	0	0.000	< 1.000	< 26.944	74.000
Ammonium		S	52	52	0	0.000	< 0.000	< 0.005	0.036
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.300	0.569	0.850
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	0.010
Atrazine	ug/l	AS	8	8	0	0.000	0.003	0.009	0.023
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	0.015
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 32.000	42.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.243	1.600
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	15.769	20.773	23.460
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.370	1.000
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	156	156	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	52	52	0	0.000	0.000	2.519	53.000
Colony Counts 37 (48hrs)		S	52	52	0	0.000	0.000	0.788	10.000
Colour		S	52	52	1	1.923	< 0.000	< 3.121	26.300
Conductivity		AS	156	154	0	0.000	234.000	401.070	462.000
Copper		S	8	8	0	0.000	< 0.000	< 0.001	< 0.003
Cyanide	ug CN/l	AS	8	8	0	0.000	2.200	3.888	6.200
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.013
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	156	156	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	0.000	0.172	0.854
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	156	156	0	0.000	0.020	0.087	0.420
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z407 - Killyhevlin  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	52	52	0	0.000	7.230	7.591	8.170
Iron		S	52	52	0	0.000	< 0.000	< 22.469	56.290
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 0.264	< 1.000
MCPA	ug/l	AS	8	8	0	0.000	0.005	0.027	0.068
Malathion	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	52	52	0	0.000	< 0.000	< 6.020	23.000
Mecoprop (MCPP)	ug/l	AS	8	8	0	0.000	< 0.006	< 0.009	0.021
Mercury	ug Hg/l	AS	8	8	0	0.000	< 0.037	< 0.038	0.045
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.160	< 0.949	2.600
Nitrate		S	8	8	0	0.000	0.959	3.251	7.181
Nitrite		S	8	8	0	0.000	< 0.000	< 0.016	0.064
Odour		S	52	52	0	0.000	0.000	0.019	1.000
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.002
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.328	0.410
Simazine	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	0.005
Sodium		S	8	8	0	0.000	12.428	14.879	17.494
Sulphate		AS	8	8	0	0.000	91.021	106.587	119.467
Taste		S	52	52	1	1.923	0.000	0.115	4.000
Tecnazene	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	156	156	0	0.000	0.040	0.195	0.680
Total Coliforms		S	156	156	1	0.641	0.000	0.006	1.000
Total Indicative Dose	mSv/year	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	8	8	0	0.000	2.860	3.474	4.190
Total Pesticides	ug/l	AS	8	8	0	0.000	< 0.016	< 0.050	0.118
Total Trihalomethanes	ug/l	S	8	7	0	0.000	19.500	47.871	92.800
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	8	8	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	52	52	0	0.000	< 0.000	< 0.186	1.660
op-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 82063

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 21-MAR-2006 (Z407AE) Colour = 26.30 mg/l.  
 Sample failed 04-SEP-2006 (Z407AE) Taste = 4.0 Diln N.  
 Sample failed 13-SEP-2006 (Z407AE) Total Coliforms = 1 No./100m.

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 Water Supply Zone - Z407 - Killyhevlin  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.



Water Supply Zone - Z408 - Lenamore Springs  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1,2 Dichloroethane	ug/l	AS	4	4	0	0.000	< 0.085	< 0.085	< 0.085
2,4 D	ug/l	AS	4	4	0	0			
Aldrin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	4	4	0	0.000	< 9.000	< 13.925	20.700
Ammonium		S	4	4	0	0.000	< 0.000	< 0.078	0.313
Antimony	ug Sb/l	S	4	4	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	4	4	0	0.000	0.200	0.403	0.590
Asulam	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	4	4	0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	4	4	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	4	4	0	0.000	< 26.000	< 28.000	< 34.000
Bromate	ug/l	S	4	4	0	0.000	< 0.950	< 2.363	5.200
Cadmium	ug Cd/l	S	4	4	0	0.000	< 0.017	< 0.030	0.051
Carbendazim	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	0.005
Chlorfenvinphos	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	4	4	0	0.000	16.204	17.645	20.211
Chlorpropham	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	4	4	0	0.000	< 0.280	< 0.453	0.970
Clopyralid	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)		S	4	4	0	0.000	0.000	0.000	0.000
Colour		S	4	4	0	0.000	< 0.600	< 0.940	< 1.900
Conductivity		AS	4	4	0	0.000	106.000	116.500	126.000
Copper		S	4	4	0	0.000	< 0.001	< 0.012	0.028
Cyanide	ug CN/l	AS	4	4	0	0.000	< 0.660	< 0.855	1.300
Cypermethrin	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	4	4	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	4	4	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S	12	12	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S	4	4	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	4	4	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	8	8	0	0.000	< 0.009	< 0.057	0.160
Flutriafol	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	12	12	0	0.000	0.060	0.347	0.660
Gamma-HCH (Lindane)	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Water Supply Zone - Z408 - Lenamore Springs  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4	0	0.000	7.160	7.525	7.870
Iron		S	4	4	0	0.000	16.570	20.888	26.900
Isoproturon	ug/l	AS	4	4	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4	0	0.000	< 0.040	< 0.930	3.210
MCPA	ug/l	AS	4	4	0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS	4	4	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4	0	0.000	< 0.000	< 0.710	< 1.190
Mecoprop (MCP)	ug/l	AS	4	4	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	4	4	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4	0	0.000	< 0.160	< 0.545	1.000
Nitrate		S	4	4	0	0.000	1.342	2.601	6.107
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	ug/l	S	4	4	0	0.000	< 0.000	< 0.003	< 0.010
Parathion	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	4	4	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	4	4	0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S	4	4	0	0.000	4.742	15.706	26.796
Sulphate		AS	4	4	0	0.000	1.589	2.337	3.022
Taste		S	4	4	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	4	4	0	0.000	< 0.000	< 0.250	< 1.000
Tetrachloromethane	ug/l	AS	4	4	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12	0	0.000	0.240	0.549	1.090
Total Coliforms		S	12	12	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	4	4	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	4	4	0	0.000	0.370	0.575	0.700
Total Pesticides	ug/l	AS	4	4	0	0.000	< 0.002	< 0.014	< 0.050
Total Trihalomethanes	ug/l	S	4	4	0	0.000	13.000	29.150	53.800
Trifluralin	ug/l	AS	4	4	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	4	4	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4	0	0.000	< 0.010	< 0.110	0.310
op-DDT	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	4	4	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 1585

This zone has a surface water source :R4542

PCV Exceedances:

Water Quality was satisfactory

Water Supply Zone - Z408 - Lenamore Springs  
 Printed On 15-MAY-2007 : Water Service : Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z409 - Foyle  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	16	16	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	16	16	0	0			
Aldrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	36	36	0	0.000	< 14.000	< 33.058	83.600
Ammonium	S	S	36	36	0	0.000	< 0.000	< 0.007	0.066
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.170	0.296	0.490
Asulam	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	16	16	0	0.000	0.001	0.002	0.005
Azinphos methyl	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	16	16	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	16	16	0	0.000	< 26.000	< 29.000	< 34.000
Bromate	ug/l	S	8	8	0	0.000	2.600	3.350	4.700
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	0.018
Carbendazim	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	16	16	0	0.000	18.548	28.046	52.303
Chlorpropham	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	AS	260	261	0	0.000	0.000	0.000	0.000
Colony Counts 22	S	S	36	36	0	0.000	0.000	4.750	91.000
Colony Counts 37 (48hrs)	S	S	36	36	0	0.000	0.000	3.250	91.000
Colour	S	S	36	36	0	0.000	< 0.000	< 2.208	4.300
Conductivity	AS	AS	260	259	0	0.000	2.120	243.077	418.000
Copper	S	S	8	8	0	0.000	0.007	0.023	0.052
Cyanide	ug CN/l	AS	16	16	0	0.000	1.200	2.444	4.700
Cypermethrin	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	0.006
Diazinon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	16	16	0	0.000	< 0.020	< 0.021	0.035
Dichlorophen	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	16	16	0	0.000	< 0.006	< 0.014	0.024
Diuron	ug/l	AS	16	16	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	96	96	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	32	32	0	0.000	< 0.000	< 0.081	0.874
Fluoride	AS	AS	32	32	0	0.000	< 0.000	< 0.081	0.874
Flutriafol	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	96	96	0	0.000	0.000	0.119	5.000
Gamma-HCH (Lindane)	ug/l	AS	16	16	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z409 - Foyle  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	36	36	0	0.000	6.720	7.258	8.020
Iron		S	36	36	0	0.000	< 2.700	< 61.514	145.600
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	8	8	0	0.000	< 0.000	< 1.011	2.480
MCPA	ug/l	AS	16	16	0	0.000	< 0.004	< 0.008	0.017
Malathion	ug/l	AS	16	16	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	36	36	0	0.000	< 0.000	< 6.986	29.800
Mecoprop (MCP)	ug/l	AS	16	16	0	0.000	< 0.006	< 0.006	0.010
Mercury	ug Hg/l	AS	16	16	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	8	8	0	0.000	0.640	0.816	1.300
Nitrate		S	8	8	0	0.000	0.502	1.030	3.227
Nitrite		S	8	8	0	0.000	< 0.000	< 0.003	0.019
Odour		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
Parathion	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	0.003
Sodium		S	8	8	0	0.000	6.820	16.605	20.539
Sulphate		AS	16	16	0	0.000	9.083	46.040	72.142
Taste		S	36	36	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	16	16	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	16	16	0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS	16	16	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	96	96	0	0.000	0.020	0.148	0.750
Total Coliforms		S	96	96	1	1.042	0.000	0.031	3.000
Total Indicative Dose	mSv/year	AS	16	16	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	16	16	0	0.000	1.450	2.352	3.736
Total Pesticides	ug/l	AS	16	16	0	0.000	< 0.000	< 0.013	< 0.035
Total Trihalomethanes	ug/l	S	8	8	2	25.000	48.300	69.588	103.000
Trifluralin	ug/l	AS	16	16	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	16	16	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	36	36	0	0.000	< 0.000	< 0.263	2.350
op-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	16	16	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70689

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 11-JAN-2006 (Z409AE) Total Coliforms = 3 No./100m.  
 Sample failed 24-JUL-2006 (Z409AE) Total Trihalomethanes = 103.0 ug/l.  
 Sample failed 23-OCT-2006 (Z409AE) Total Trihalomethanes = 101.8 ug/l.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z409 - Foyle  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z410 - Lough Braden  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 24	24		0	0.000	27.000	63.800	148.000
Ammonium		S 24	24		0	0.000	< 0.000	< 0.000	< 0.000
Antimony	ug Sb/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 8	8		0	0.000	< 0.170	< 0.320	0.530
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 8	8		0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 32.250	49.000
Bromate	ug/l	S 8	8		0	0.000	1.000	1.713	2.700
Cadmium	ug Cd/l	S 8	8		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	18.854	20.479	21.794
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 8	8		0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 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	7.167	73.000
Colony Counts 37 (48hrs)		S 24	24		0	0.000	0.000	0.167	3.000
Colour		S 24	24		0	0.000	< 0.000	< 4.278	18.100
Conductivity		AS 36	36		0	0.000	216.000	270.889	298.000
Copper		S 8	8		0	0.000	< 0.000	< 0.003	0.009
Cyanide	ug CN/l	AS 8	8		0	0.000	1.000	2.363	4.000
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.022	0.039
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 48	48		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 8	8		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	0.000	0.008	0.046
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 48	48		0	0.000	0.010	0.087	0.850
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z410 - Lough Braden  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.640	7.988	8.370
Iron		S 24	24		0	0.000	< 5.800	< 32.667	137.820
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.000	< 1.539	9.590
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.006	0.023
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 3.538	11.920
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	0.007
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.270	0.373	0.600
Nitrate		S 8	8		0	0.000	0.236	1.112	4.410
Nitrite		S 8	8		0	0.000	< 0.000	< 0.018	0.047
Odour		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	< 0.003
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	34.870	57.761	83.535
Sulphate		AS 8	8		0	0.000	6.909	51.239	66.410
Taste		S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	0.000	< 0.153	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 48	48		0	0.000	0.040	0.160	1.030
Total Coliforms		S 48	48		1	2.083	0.000	0.021	1.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	2.580	3.584	3.960
Total Pesticides	ug/l	AS 8	8		0	0.000	0.000	< 0.014	< 0.050
Total Trihalomethanes	ug/l	S 8	8		6	75.000	90.200	116.263	136.200
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.108	0.530
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22742

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 21-AUG-2006 (Z410AE) Total Coliforms = 1 No./100m.  
 Sample failed 14-AUG-2006 (Z410AE) Total Trihalomethanes = 116.8 ug/l.  
 Sample failed 21-AUG-2006 (Z410AE) Total Trihalomethanes = 136.2 ug/l.  
 Sample failed 07-SEP-2006 (Z410AE) Total Trihalomethanes = 127.5 ug/l.  
 Sample failed 11-SEP-2006 (Z410AE) Total Trihalomethanes = 125.9 ug/l.  
 Sample failed 25-SEP-2006 (Z410AE) Total Trihalomethanes = 130.8 ug/l.  
 Sample failed 09-NOV-2006 (Z410AE) Total Trihalomethanes = 102.9 ug/l.

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z410 - Lough Braden  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Printed On 15-MAY-2007 : Water Service  
 Water Supply Zone - Z411 - Lough Macrory  
 : Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	8	8	0	0			
Aldrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S	24	24	0	0.000	< 2.400	< 17.758	63.700
Ammonium		S	24	24	0	0.000	< 0.000	< 0.008	0.058
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	0.220	0.506	1.400
Asulam	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	0.003
Azinphos methyl	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Benzene	ug/l	AS	8	8	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS	8	8	0	0.000	< 26.000	< 29.125	< 34.000
Bromate	ug/l	S	8	8	0	0.000	< 0.950	< 1.069	1.500
Cadmium	ug Cd/l	S	8	8	0	0.000	0.000	0.025	0.100
Carbendazim	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorfenvinphos	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS	8	8	0	0.000	14.634	15.478	16.596
Chlorpropham	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.344	0.790
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS	52	52	0	0.000	0.000	0.000	0.000
Colony Counts 22		S	24	24	0	0.000	0.000	2.208	21.000
Colony Counts 37 (48hrs)		S	24	24	0	0.000	0.000	0.250	3.000
Colour		S	24	24	0	0.000	< 0.000	< 2.097	9.800
Conductivity		AS	52	52	0	0.000	103.000	155.663	230.000
Copper		S	8	8	0	0.000	< 0.001	< 0.005	0.011
Cyanide	ug CN/l	AS	8	8	0	0.000	< 0.660	< 1.220	2.100
Cypermethrin	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	0.010
Diazinon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	8	8	0	0.000	< 0.006	< 0.013	< 0.020
Diuron	ug/l	AS	8	8	0	0.000	0.007	< 0.007	< 0.007
E. Coli		S	72	72	0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.022	0.036
Enterococci		S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	0.003
Flumethrin	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS	16	16	0	0.000	0.000	0.117	0.884
Flutriafol	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S	72	72	0	0.000	0.000	0.264	0.790
Gamma-HCH (Lindane)	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

Printed On 15-MAY-2007 : Water Service Water Supply Zone - Z411 - Lough Macrory  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 24	24		0	0.000	7.200	7.794	8.240
Iron		S 24	24		0	0.000	< 1.500	< 18.433	98.920
Isoproturon	ug/l	AS 8	8		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.030	< 0.724	2.160
MCPA	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 8	8		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 24	24		0	0.000	< 0.000	< 0.446	< 1.060
Mecoprop (MCP)	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 8	8		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	< 0.160	< 0.486	1.700
Nitrate		S 8	8		0	0.000	1.168	2.609	3.882
Nitrite		S 8	8		0	0.000	< 0.000	< 0.012	0.026
Odour		S 24	24		0	0.000	0.000	0.000	0.000
PAH - Sum of four substances	ug/l	S 8	8		0	0.000	0.000	< 0.001	< 0.010
Parathion	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	0.002
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	8.891	10.401	11.603
Sulphate		AS 8	8		0	0.000	24.737	29.012	34.576
Taste		S 24	24		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 8	8		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 8	8		0	0.000	< 0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 8	8		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 72	72		0	0.000	0.040	0.399	0.920
Total Coliforms		S 72	72		1	1.389	0.000	0.042	3.000
Total Indicative Dose	mSv/year	AS 8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 8	8		0	0.000	1.490	1.773	2.163
Total Pesticides	ug/l	AS 8	8		0	0.000	< 0.000	< 0.016	< 0.050
Total Trihalomethanes	ug/l	S 8	8		0	0.000	29.100	39.925	53.300
Trifluralin	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 8	8		0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S 24	24		0	0.000	< 0.000	< 0.148	1.350
op-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 34278

This zone has a surface water source :R4523

PCV Exceedances:

Sample failed 15-NOV-2006 (Z411AE) Total Coliforms = 3 No./100m.

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Printed On 15-MAY-2007 : Water Service

Water Supply Zone - Z412 - Stradreagh  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS 8	8		0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS 8	8		0	0			
Aldrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Aluminium		S 4	4		0	0.000	< 11.000	< 31.650	63.600
Ammonium		S 4	4		0	0.000	< 0.000	< 0.008	0.031
Antimony	ug Sb/l	S 4	4		0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S 4	4		0	0.000	< 0.170	< 0.265	0.510
Asulam	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS 8	8		0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS 8	8		0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S 4	4		0	0.000	< 0.001	< 0.001	< 0.001
Boron	ug B/l	AS 8	8		0	0.000	< 26.000	< 28.250	44.000
Bromate	ug/l	S 4	4		0	0.000	1.100	3.350	7.000
Cadmium	ug Cd/l	S 4	4		0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	0.004
Chlorfenvinphos	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chloride		AS 8	8		0	0.000	16.190	21.081	23.795
Chlorpropham	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S 4	4		0	0.000	< 0.280	< 0.360	0.600
Clopyralid	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)		AS 24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22		S 4	4		0	0.000	0.000	2.500	10.000
Colony Counts 37 (48hrs)		S 4	4		0	0.000	0.000	0.000	0.000
Colour		S 4	4		0	0.000	2.700	3.775	5.300
Conductivity		AS 24	24		0	0.000	246.000	316.104	339.000
Copper		S 4	4		0	0.000	< 0.002	< 0.015	0.025
Cyanide	ug CN/l	AS 8	8		0	0.000	< 0.270	< 0.836	2.300
Cypermethrin	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Diazinon	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorophen	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Dichlorvos	ug/l	AS 8	8		0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS 8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS 8	8		0	0.000	< 0.006	< 0.011	< 0.020
Diuron	ug/l	AS 8	8		0	0.000	< 0.007	< 0.007	< 0.007
E. Coli		S 12	12		0	0.000	0.000	0.000	0.000
Endosulphan Total	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Enterococci		S 4	4		0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS 8	8		0	0.000	< 0.003	< 0.003	< 0.003
Flumethrin	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Fluoride		AS 16	16		0	0.000	< 0.007	< 0.034	0.137
Flutriafol	ug/l	AS 8	8		0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant		S 12	12		0	0.000	0.010	0.139	0.330
Gamma-HCH (Lindane)	ug/l	AS 8	8		0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS 8	8		0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.003

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S	4	4	0	0.000	7.080	7.495	7.880
Iron		S	4	4	0	0.000	< 3.870	< 69.603	136.690
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Lead		S	4	4	0	0.000	< 0.000	< 0.228	0.460
MCPA	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Malathion	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S	4	4	0	0.000	< 0.220	< 4.485	10.700
Mecoprop (MCP)	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS	8	8	0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S	4	4	0	0.000	< 0.160	< 0.785	1.800
Nitrate		S	4	4	0	0.000	0.596	3.377	11.331
Nitrite		S	4	4	0	0.000	< 0.000	< 0.002	0.007
Odour		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	< 0.001
Parathion	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug Se/l	S	4	4	0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S	4	4	0	0.000	13.886	17.723	21.433
Sulphate		AS	8	8	0	0.000	7.052	12.576	35.557
Taste		S	4	4	0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S	12	12	0	0.000	0.040	0.237	0.490
Total Coliforms		S	12	12	0	0.000	0.000	0.000	0.000
Total Indicative Dose	mSv/year	AS	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS	8	8	0	0.000	0.810	1.082	1.420
Total Pesticides	ug/l	AS	8	8	0	0.000	0.000	< 0.007	< 0.050
Total Trihalomethanes	ug/l	S	4	4	0	0.000	0.000	40.625	79.100
Trifluralin	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS	8	8	0	0.000	< 4.000	< 4.000	< 4.000
Turbidity		S	4	4	0	0.000	< 0.010	< 0.148	0.320
op-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS	8	8	0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 3681

This zone has a surface water source :R4324

PCV Exceedances:

Water Quality was satisfactory

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Water Supply Zone - Z413 - Limavady  
: Period 01-JAN-2006 to 31-DEC-2006 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
1.2 Dichloroethane	ug/l	AS	24	24	0	0.000	< 0.085	< 0.085	< 0.085
2.4 D	ug/l	AS	24	24	0	0			
Aldrin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Alpha-cypermethrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Aluminium	S	S	36	36	0	0.000	< 0.000	< 33.350	92.000
Ammonium	S	S	36	36	0	0.000	< 0.000	< 0.010	0.169
Antimony	ug Sb/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Arsenic	ug As/l	S	8	8	0	0.000	< 0.170	< 0.263	0.420
Asulam	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Atrazine	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.002
Azinphos methyl	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Bentazone	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Benzene	ug/l	AS	24	24	0	0.000	< 0.042	< 0.042	< 0.042
Benzo 3 4 pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	0.001
Boron	ug B/l	AS	24	24	0	0.000	< 26.000	< 28.750	44.000
Bromate	ug/l	S	8	8	0	0.000	2.500	3.538	5.000
Cadmium	ug Cd/l	S	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Carbendazim	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.004
Chlorfenvinphos	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Chloride	ug/l	AS	24	24	0	0.000	13.361	21.876	34.321
Chlorpropham	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Chlortoluron	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Chromium	ug Cr/l	S	8	8	0	0.000	< 0.280	< 0.280	< 0.280
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
Clostridium perfringens (sulph red)	AS	AS	140	140	1	0.714	0.000	0.007	1.000
Colony Counts 22	S	S	36	36	0	0.000	0.000	5.861	119.000
Colony Counts 37 (48hrs)	S	S	36	36	0	0.000	0.000	7.556	132.000
Colour	S	S	36	36	0	0.000	< 0.000	< 3.488	16.900
Conductivity	AS	AS	140	140	0	0.000	151.300	239.404	418.000
Copper	S	S	8	7	0	0.000	< 0.000	< 0.010	0.032
Cyanide	ug CN/l	AS	24	24	0	0.000	< 0.270	< 1.500	4.700
Cypermethrin	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	0.011
Diazinon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Dicamba	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.003
Dichlorbenil	ug/l	AS	24	24	0	0.000	< 0.020	< 0.021	0.035
Dichlorophen	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	0.025
Dichlorvos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.002
Dieldrin	ug/l	AS	24	24	0	0.000	< 0.006	< 0.006	< 0.006
Diquat	ug/l	AS	24	24	0	0.000	< 0.006	< 0.012	< 0.020
Diuron	ug/l	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007
E. Coli	S	S	96	96	1	1.042	0.000	0.042	4.000
Endosulphan Total	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-a	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endosulphan-b	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Endrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Enterococci	S	S	8	8	0	0.000	0.000	0.000	0.000
Fenitrothion	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	0.012
Flumethrin	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Fluoride	AS	AS	48	48	0	0.000	< 0.000	< 0.062	0.874
Fluoride	AS	AS	48	48	0	0.000	< 0.000	< 0.062	0.874
Flutriafol	ug/l	AS	24	24	0	0.000	< 0.020	< 0.020	< 0.020
Free - Residual disinfectant	S	S	96	96	0	0.000	0.000	0.161	0.620
Gamma-HCH (Lindane)	ug/l	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.008	< 0.008	< 0.008
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	< 0.000	< 0.003

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max
Hexachlorobenzene	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Hydrogen Ion		S 36	36		0	0.000	6.550	7.215	8.000
Iron		S 36	36		6	16.667	9.460	116.213	572.090
Isoproturon	ug/l	AS 24	24		0	0.000	< 0.013	< 0.013	< 0.013
Lead		S 8	8		0	0.000	< 0.010	< 0.804	3.150
MCPA	ug/l	AS 24	24		0	0.000	< 0.004	< 0.004	0.010
Malathion	ug/l	AS 24	24		0	0.000	< 0.005	< 0.005	< 0.005
Manganese		S 36	36		0	0.000	< 0.000	< 5.877	18.080
Mecoprop (MCP)	ug/l	AS 24	24		0	0.000	< 0.006	< 0.006	< 0.006
Mercury	ug Hg/l	AS 24	24		0	0.000	< 0.037	< 0.037	< 0.037
Nickel	ug Ni/l	S 8	8		0	0.000	0.250	0.463	0.650
Nitrate		S 8	8		0	0.000	0.595	1.346	5.302
Nitrite		S 8	8		0	0.000	< 0.000	< 0.007	0.031
Odour		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
Parathion	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Pentachlorophenol	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Propetamphos	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	0.003
Selenium	ug Se/l	S 8	8		0	0.000	< 0.310	< 0.310	< 0.310
Simazine	ug/l	AS 24	24		0	0.000	< 0.002	< 0.002	< 0.002
Sodium		S 8	8		0	0.000	16.316	19.423	22.473
Sulphate		AS 24	24		0	0.000	3.062	21.801	72.142
Taste		S 36	36		0	0.000	0.000	0.000	0.000
Tecnazene	ug/l	AS 24	24		0	0.000	< 0.012	< 0.012	< 0.012
Terbutryne	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
Tetrachloroethene/Trichloroethene - S	ug/l	AS 24	24		0	0.000	< 0.000	< 0.125	< 1.000
Tetrachloromethane	ug/l	AS 24	24		0	0.000	< 0.110	< 0.110	< 0.110
Total - Residual disinfectant		S 96	96		0	0.000	0.010	0.257	0.730
Total Coliforms		S 96	96		3	3.125	0.000	0.219	19.000
Total Indicative Dose	mSv/year	AS 24	24		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon		AS 24	24		0	0.000	0.770	1.562	3.300
Total Pesticides	ug/l	AS 24	24		0	0.000	< 0.000	< 0.009	< 0.050
Total Trihalomethanes	ug/l	S 8	8		1	12.500	29.800	58.913	123.800
Trifluralin	ug/l	AS 24	24		0	0.000	< 0.008	< 0.008	< 0.008
Tritium	Bq/l	AS 24	24		0	0.000	< 4.000	< 4.088	6.100
Turbidity		S 36	36		0	0.000	< 0.000	< 0.282	1.400
op-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020
pp-DDT	ug/l	AS 24	24		0	0.000	< 0.020	< 0.020	< 0.020

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31954

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 06-MAR-2006 (W4326OUT) Clostridium perfringens (sulph red) = 1 No./100.  
 Sample failed 22-NOV-2006 (Z413AE) E. Coli = 4 No./100m.  
 Sample failed 04-JAN-2006 (Z413AE) Iron = 286.91 ug.  
 Sample failed 09-JAN-2006 (Z413AE) Iron = 332.47 ug.  
 Sample failed 20-FEB-2006 (Z413AE) Iron = 433.51 ug.  
 Sample failed 06-MAR-2006 (Z413AE) Iron = 337.25 ug.  
 Sample failed 13-MAR-2006 (Z413AE) Iron = 356.58 ug.  
 Sample failed 12-JUN-2006 (Z413AE) Iron = 572.09 ug.  
 Sample failed 26-JUL-2006 (Z413AE) Total Coliforms = 1 No./100m.  
 Sample failed 22-NOV-2006 (Z413AE) Total Coliforms = 19 No./100.  
 Sample failed 13-DEC-2006 (Z413AE) Total Coliforms = 1 No./100m.  
 Sample failed 24-JUL-2006 (Z413AE) Total Trihalomethanes = 123.8 ug/l.

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