

WATER SUPPLY ZONE - ZN0102 - Ballinrees West
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	5.300	27.833	88.000
Ammonium	mg NH4/l	S	52	54	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.066	0.102	0.150
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.310	0.360
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.006	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.008	0.010	0.012
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.386	< 0.990
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	21.000	23.500	25.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.190	0.289	0.420
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	24.500	572.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	7.481	96.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.458	2.400
Conductivity	uS/cm 20 C	S	52	53	0	0.000	170.000	316.604	370.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.009
Cyanide	ug/l CN	AS	8	8	0	0.000	2.300	< 3.300	< 5.500
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	180	180	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	180	180	0	0.000	0.050	0.206	0.820
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Hydrogen Ion	pH value	S	52	53	0	0.000	7.220	7.554	7.850
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 26.513	170.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.003	0.019	0.051
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.744	8.700
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	0.010
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.037	0.088
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.200	1.338	1.600
Nitrate	mg N/l	S	8	8	0	0.000	1.300	2.225	3.600
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.045	< 0.072
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.011	0.014
Odour	Diln No	S	52	53	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZN0102 - Ballinrees West
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.054	0.070
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.223	0.290
Sodium	S	8	8		0	0.000	15.000	16.250	17.000
Sulphate	S	8	8		0	0.000	60.000	68.375	77.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	180	180		0	0.000	0.150	0.320	0.890
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.425	3.400
Total Trihalomethanes	S	8	8		0	0.000	46.000	65.000	94.000
Total coliforms	S	180	180		0	0.000	0.000	> 0.600	>100.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	0.120	0.258	0.870

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70772

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 27-SEP-2019 (ZN0102AE) Total coliforms = 2 No./100.
Sample failed 23-OCT-2019 (ZN0102AE) Total coliforms = 3 No./100.
Sample failed 12-NOV-2019 (ZN0102AE) Total coliforms = 3 No./100.
Sample failed 29-NOV-2019 (ZN0102AE) Total coliforms = >100 No./1.

Notes:

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

WATER SUPPLY ZONE - ZN0103 - Ballinrees East
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	8.400	24.142	53.000
Ammonium	mg NH4/l	S	24	26	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.086	0.109	0.200
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.006	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	0.000	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.008	0.011	0.013
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.536	1.500
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	21.000	23.250	25.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.190	0.279	0.470
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	10.708	178.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	27.333	548.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.000	1.454	2.900
Conductivity	uS/cm 20 C	S	24	24	0	0.000	180.000	321.667	370.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.022
Cyanide	ug/l CN	AS	8	8	0	0.000	2.300	< 3.300	< 5.500
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	72	74	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	74	0	0.000	0.060	0.181	0.390
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Hydrogen Ion	pH value	S	24	24	0	0.000	7.090	7.551	7.810
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 26.738	82.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.003	0.019	0.051
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 1.294	2.700
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	0.010
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.021	0.059
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.200	1.388	1.700
Nitrate	mg N/l	S	8	8	0	0.000	1.300	2.050	3.600
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.041	< 0.072
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	1	4.167	0.000	0.208	5.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0103 - Ballinrees East
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.054	0.070
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.216	0.280
Sodium	S	8	8		0	0.000	15.000	16.125	17.000
Sulphate	S	8	8		0	0.000	59.000	66.875	74.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	74		0	0.000	0.150	0.289	0.510
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.550	3.500
Total Trihalomethanes	S	8	8		0	0.000	49.000	68.125	94.000
Total coliforms	S	72	74		0	0.000	0.000	0.230	16.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.110	0.232	0.470

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27710

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 11-JUN-2019 (ZN0103AE) Odour = 5 Diln No.

Sample failed 15-AUG-2019 (ZN0103AE) Total coliforms = 1 No./100.

Sample failed 28-AUG-2019 (ZN0103AE) Total coliforms = 16 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	1.800	16.456	47.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.019	0.054	0.120
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.006	0.010
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 1.024	1.600
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.118	0.850
Chloride	mg Cl/l	S	8	8	0	0.000	11.000	14.875	25.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.151	0.330
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	7.694	176.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.861	21.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.533	3.100
Conductivity	uS/cm 20 C	S	36	36	0	0.000	170.000	216.111	350.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.010
Cyanide	ug/l CN	AS	8	8	0	0.000	< 1.700	< 3.563	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.018
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.090	0.240	0.850
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	36	36	0	0.000	6.990	7.414	9.090
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 28.744	220.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.002
MCPB	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.278	6.200
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.010	< 0.010
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.100	1.488	2.100
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 0.745	1.100
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.008	< 0.015	< 0.022
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	9	0	0.000	< 0.002	< 0.008	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	0.003

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.204	0.230
Sodium	S	8	8		0	0.000	8.300	10.338	19.000
Sulphate	S	8	8		0	0.000	53.000	70.750	93.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.140	0.343	0.910
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.600	2.163	2.800
Total Trihalomethanes	S	8	8		0	0.000	37.000	66.250	100.000
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.179	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 33216

This zone has a surface water source :R1702

PCV Exceedances:

Sample failed 05-MAR-2019 (ZN0202AE) Iron = 220 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0204 - Rathlin Island
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	4	6	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	4	5	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	4	5	0	0.000	< 0.003	< 0.007	< 0.012
Aluminium	ug Al/l	S	4	5	0	0.000	4.400	7.600	18.000
Ammonium	mg NH4/l	S	4	5	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	5	0	0.000	0.055	0.087	0.120
Arsenic	ug/l As	S	4	5	0	0.000	< 0.300	< 0.314	0.370
Asulam	ug/l	AS	4	5	0	0.000	< 0.005	< 0.012	< 0.017
Bentazone	ug/l	AS	4	5	0	0.000	< 0.001	< 0.002	< 0.003
Benzene	ug/l	S	4	6	0	0.000	< 0.020	< 0.022	< 0.030
Benzo(a)pyrene	ug/l	S	4	5	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	4	5	0	0.000	0.036	0.039	0.040
Bromate	ug BrO3/l	S	4	5	0	0.000	< 0.300	< 0.446	< 0.990
Bromoxynil	ug/l	AS	4	5	0	0.000	< 0.004	< 0.008	< 0.013
Cadmium	ug/l Cd	S	4	5	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	4	5	0	0.000	66.000	67.200	69.000
Chlorotoluron	ug/l	AS	4	5	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	4	5	0	0.000	< 0.002	< 0.005	< 0.008
Chromium	ug/l Cr	S	4	5	0	0.000	< 0.100	< 0.104	0.120
Clopyralid	ug/l	AS	4	5	0	0.000	< 0.004	< 0.008	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	6	0	0.000	0.000	0.833	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	6	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	5	0	0.000	< 1.000	< 1.080	1.400
Conductivity	uS/cm 20 C	S	4	5	0	0.000	470.000	472.000	480.000
Copper	mg Cu/l	S	4	5	0	0.000	0.001	0.001	0.002
Cyanide	ug/l CN	AS	4	5	0	0.000	< 1.700	< 3.280	< 5.500
Dicamba	ug/l	AS	4	5	0	0.000	< 0.012	< 0.014	< 0.017
Dichlorprop	ug/l	AS	4	5	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	4	5	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	4	5	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	4	5	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	12	15	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	5	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	4	5	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	4	5	0	0.000	< 0.003	< 0.005	< 0.009
Flufenacet	ug/l	AS	4	5	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	4	5	0	0.000	0.026	0.029	0.032
Fluroxypyr	ug/l	AS	4	5	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	12	14	0	0.000	0.160	0.329	0.490
Glyphosate	ug/l	AS	4	4	0	0.000	< 0.003	< 0.006	< 0.012
Hydrogen Ion	pH value	S	4	5	0	0.000	8.620	8.734	8.800
Iron	ug Fe/l	S	4	5	0	0.000	< 2.000	< 2.940	6.700
Isoproturon	ug/l	AS	4	5	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	4	5	0	0.000	< 0.100	< 0.118	0.170
Linuron	ug/l	AS	4	5	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	4	5	0	0.000	< 0.001	< 0.001	< 0.002
MCPB	ug/l	AS	4	5	0	0.000	< 0.004	< 0.008	< 0.014
Manganese	ug Mn/l	S	4	5	0	0.000	0.190	0.488	0.610
Mecoprop	ug/l	AS	4	5	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	4	4	0	0.000	< 0.010	< 0.012	0.015
Metalaxyl	ug/l	AS	4	5	0	0.000	< 0.004	< 0.007	< 0.012
Metamitron	ug/l	AS	4	5	0	0.000	< 0.003	< 0.005	< 0.007
Metazachlor	ug/l	AS	4	5	0	0.000	< 0.003	< 0.006	< 0.010
Metoxuron	ug/l	AS	4	5	0	0.000	< 0.002	< 0.005	< 0.008
Metribuzin	ug/l	AS	4	5	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	4	5	0	0.000	0.140	0.270	0.510
Nitrate	mg N/l	S	4	6	0	0.000	< 0.400	< 0.400	< 0.400
Nitrate/Nitrite Formula		S	4	5	0	0.000	< 0.006	< 0.007	< 0.008
Nitrite	mg N/l	S	4	6	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	5	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	4	5	0	0.000	< 0.003	< 0.011	< 0.023
PAH - Sum of four substances	ug/l	S	4	5	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0204 - Rathlin Island
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	4	5		0	0.000	< 0.003	< 0.005	< 0.008
Pesticides - Total Substances	AS	4	5		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	4	5		0	0.000	< 0.004	< 0.007	< 0.012
Pirimicarb	AS	4	5		0	0.000	< 0.002	< 0.005	< 0.008
Propachlor	AS	4	5		0	0.000	< 0.004	< 0.007	< 0.012
Propiconazole	AS	4	5		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	4	5		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	4	5		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	4	5		0	0.000	0.450	0.624	1.000
Sodium	S	4	5		0	0.000	100.000	102.000	110.000
Sulphate	S	4	5		0	0.000	12.000	12.600	13.000
Taste	S	4	5		2	40.000	0.000	1.400	4.000
Tebuconazole	AS	4	5		0	0.000	< 0.002	< 0.003	< 0.004
Tetrachloroethene/Trichloroethene - S	S	4	6		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	4	6		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	14		0	0.000	0.220	0.432	0.530
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	4	5		0	0.000	0.970	1.154	1.400
Total Trihalomethanes	S	4	5		1	20.000	68.000	86.400	120.000
Total coliforms	S	12	15		0	0.000	0.000	0.200	3.000
Triclopyr	AS	4	5		0	0.000	< 0.004	< 0.007	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	4	5		0	0.000	< 0.100	< 0.134	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 295

This zone has a surface water source :R1706

PCV Exceedances:

Sample failed 07-JAN-2019 (ZN0204AE) Taste = 4 Diln No.
Sample failed 18-NOV-2019 (ZN0204AE) Taste = 3 Diln No.
Sample failed 24-SEP-2019 (ZN0204AE) Total Trihalomethanes = 120 ug/l.
Sample failed 08-JUL-2019 (ZN0204AE) Total coliforms = 3 No./100.

Notes:

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

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	5.800	27.783	97.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.034	0.053	0.064
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.003	0.004	0.004
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.990	< 1.536	1.800
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	9.400	10.475	12.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.125	0.190
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.208	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.292	3.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.033	1.200
Conductivity	uS/cm 20 C	S	24	24	0	0.000	120.000	168.333	220.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.036	0.120
Cyanide	ug/l CN	AS	32	32	0	0.000	2.600	4.125	5.700
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.050	0.454	0.970
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	24	24	0	0.000	6.980	7.295	7.800
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 23.942	120.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.135	0.310
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.019
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.351	26.000
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.010	< 0.010
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.780	2.010	3.600
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 0.415	0.520
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	< 0.046	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	6.300	7.225	8.000
Sulphate	S	8	8		0	0.000	31.000	53.000	72.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72		0	0.000	0.100	0.536	1.070
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.200	1.700	2.300
Total Trihalomethanes	S	8	8		0	0.000	34.000	59.375	98.000
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.158	0.510

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 28194

This zone has a surface water source :R1303

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	1	1.923	6.500	25.954	210.000
Ammonium	mg NH4/l	S	52	55	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.080	0.124	0.150
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.316	0.380
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	25	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.009	0.012	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.498	1.000
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	17.000	24.250	26.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.180	0.255	0.390
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.008	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.654	16.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.135	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.125	1.900
Conductivity	uS/cm 20 C	S	52	52	0	0.000	260.000	370.962	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.008	0.036
Cyanide	ug/l CN	AS	24	24	0	0.000	2.600	< 4.067	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.028
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.350	0.810
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	52	53	0	0.000	7.310	7.610	7.830
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 12.210	170.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.638	8.700
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.008	0.019
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.413	3.700
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.033	0.069
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.950	1.969	4.800
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.793	3.600
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.035	< 0.072
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.002

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.246	0.350
Sodium	S	8	8		0	0.000	12.000	17.625	19.000
Sulphate	S	8	8		0	0.000	63.000	72.625	79.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.160	0.488	0.860
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.900	2.363	3.000
Total Trihalomethanes	S	8	8		0	0.000	33.000	46.875	62.000
Total coliforms	S	132	132		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.100	0.174	1.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50188

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 28-OCT-2019 (ZN0303AE) Aluminium = 210 ug Al/.

Notes:

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

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	11.000	27.019	170.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.100	0.124	0.140
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.314	0.350
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.011	0.013	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.539	< 0.990
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.010	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	22.000	25.000	28.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.170	0.284	0.460
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.019	50.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.077	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	1.000	1.137	1.800
Conductivity	uS/cm 20 C	S	52	53	0	0.000	320.000	372.453	410.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.014
Cyanide	ug/l CN	AS	32	32	0	0.000	2.600	< 4.059	< 5.500
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	168	168	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.026
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	168	168	0	0.000	0.050	0.397	0.900
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.280	7.591	8.320
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 8.975	53.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.101	0.110
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.019
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.339	1.600
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.022	< 0.050
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.200	2.813	6.200
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.993	3.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.039	< 0.078
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	0.000	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.004

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	0.046	0.054
Phorate	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.225	0.270
Sodium	S	8	8		0	0.000	15.000	18.125	19.000
Sulphate	S	8	8		0	0.000	64.000	74.000	79.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.004	0.049
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	168	168		0	0.000	0.110	0.547	0.930
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.900	2.400	3.100
Total Trihalomethanes	S	8	8		0	0.000	33.000	40.875	56.000
Total coliforms	S	168	168		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	0.100	0.153	0.290

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 65890

This zone has a surface water source :R1501

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0402 - Killylane Ballymure
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	1.600	49.935	140.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.040	0.055	0.067
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.022	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	0.000	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.006	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 1.725	2.300
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.010	0.010
Chloride	mg Cl/l	S	8	8	0	0.000	12.000	14.000	15.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.140	0.201	0.320
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	> 13.962	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.038	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.260	2.300
Conductivity	uS/cm 20 C	S	52	52	0	0.000	180.000	220.962	390.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.002	0.008
Cyanide	ug/l CN	AS	32	32	0	0.000	2.600	< 4.059	< 5.500
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.396	1.100
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.040	7.461	7.840
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 43.677	290.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.991	6.400
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.019
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.946	8.600
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.033	0.088
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.100	1.775	2.800
Nitrate	mg N/l	S	8	8	0	0.000	0.890	1.203	1.700
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.018	< 0.024	< 0.034
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	0.000	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.000

WATER SUPPLY ZONE - ZN0402 - Killylane Ballynure
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	0.046	0.054
Phorate	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.203	0.210
Sodium	S	8	8		0	0.000	9.100	9.975	11.000
Sulphate	S	8	8		0	0.000	51.000	53.625	56.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.004	0.049
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.140	0.518	1.220
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.500	2.050	2.600
Total Trihalomethanes	S	8	8		0	0.000	40.000	57.625	81.000
Total coliforms	S	132	132		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.221	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 54243

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 06-MAR-2019 (ZN0402AE) Iron = 290 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	17	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	16	17	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	19.000	36.917	57.000
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.110	0.120	0.130
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.323	0.390
Asulam	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	16	17	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.011	0.013	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.731	1.400
Bromoxynil	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.012	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	4.000	20.500	26.000
Chlorotoluron	ug/l	AS	16	17	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.210	0.280	0.340
Clopyralid	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	16	16	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.250	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.139	3.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.144	1.700
Conductivity	uS/cm 20 C	S	36	37	0	0.000	340.000	387.838	420.000
Copper	mg Cu/l	S	8	8	0	0.000	0.004	0.022	0.039
Cyanide	ug/l CN	AS	16	17	0	0.000	2.300	< 3.435	< 5.500
Dicamba	ug/l	AS	16	17	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	16	17	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	108	109	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	17	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.020	0.021
Fluroxypyr	ug/l	AS	16	17	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.090	0.496	0.920
Glyphosate	ug/l	AS	16	17	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	36	38	0	0.000	7.500	7.749	7.890
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 9.164	52.000
Isoproturon	ug/l	AS	16	17	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.165	0.620
Linuron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	16	17	0	0.000	< 0.001	< 0.013	0.054
MCPB	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.716	7.900
Mecoprop	ug/l	AS	16	17	0	0.000	< 0.001	< 0.003	0.008
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.020	< 0.050
Metalaxyl	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	16	17	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	1.850	3.300
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.920	4.700
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.037	< 0.094
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	16	16	0	0.000	< 0.003	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.003

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	16	17		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	16	17		0	0.000	0.005	0.048	0.096
Phorate	AS	16	17		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	16	17		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	16	17		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	16	17		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	16	17		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	16	17		0	0.000	< 0.002	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.226	0.310
Sodium	S	8	8		0	0.000	14.000	15.250	16.000
Sulphate	S	8	8		0	0.000	81.000	84.625	92.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.150	0.630	1.030
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.500	3.000
Total Trihalomethanes	S	8	8		0	0.000	36.000	49.625	76.000
Total coliforms	S	108	109		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	17		0	0.000	< 0.004	< 0.007	0.014
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.100	0.155	0.420

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44556

This zone has a surface water source :R1301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	3.700	13.538	50.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.097	0.118	0.140
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.004	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.386	< 0.990
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	8.300	9.800	11.000
Chlorotoluron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	9	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.141	0.170
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.292	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.238	2.700
Conductivity	uS/cm 20 C	S	24	24	0	0.000	110.000	121.667	130.000
Copper	mg Cu/l	S	8	8	0	0.000	0.003	0.035	0.099
Cyanide	ug/l CN	AS	8	9	0	0.000	2.300	< 3.733	< 5.500
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.014	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	9	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.050	0.574	1.030
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	< 0.012
Hydrogen Ion	pH value	S	24	24	0	0.000	6.930	7.223	7.910
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 21.988	78.000
Isoproturon	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.136	0.250
Linuron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	< 0.001	< 0.012	0.043
MCPB	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.799	2.600
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.011	0.015
Metalaxyl	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.012
Metamitron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	9	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.560	0.976	1.500
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 0.545	0.780
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.004	< 0.010	< 0.016
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.011	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	9		0	0.000	< 0.003	< 0.005	< 0.008
Pesticides - Total Substances	AS	8	9		0	0.000	0.005	0.040	0.051
Phorate	AS	8	9		0	0.000	< 0.004	< 0.007	< 0.012
Pirimicarb	AS	8	9		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	9		0	0.000	< 0.004	< 0.007	< 0.012
Propiconazole	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	8	9		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.203	0.220
Sodium	S	8	8		0	0.000	4.600	5.363	6.000
Sulphate	S	8	8		0	0.000	27.000	28.875	33.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72		0	0.000	0.110	0.645	1.070
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.200	1.850	2.500
Total Trihalomethanes	S	8	8		0	0.000	35.000	53.125	74.000
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.004	< 0.007	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.139	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 25684

This zone has a surface water source :R1302

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	17	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	16	17	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	24	25	0	0.000	17.000	29.600	49.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.013
Antimony	ug/l Sb	S	8	8	0	0.000	0.110	0.123	0.140
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.325	0.430
Asulam	ug/l	AS	16	16	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	16	17	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.001	0.011	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.680	1.200
Bromoxynil	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.011	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	19.000	22.625	25.000
Chlorotoluron	ug/l	AS	16	17	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.180	0.314	0.460
Clopyralid	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	16	16	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.417	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	1.000	1.150	2.000
Conductivity	uS/cm 20 C	S	24	24	0	0.000	120.000	346.667	410.000
Copper	mg Cu/l	S	8	8	0	0.000	0.005	0.011	0.033
Cyanide	ug/l CN	AS	16	17	0	0.000	2.300	< 3.435	< 5.500
Dicamba	ug/l	AS	16	17	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	16	17	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	36	38	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	17	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.022	0.027
Fluroxypyr	ug/l	AS	16	17	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	36	37	0	0.000	0.050	0.320	1.490
Glyphosate	ug/l	AS	16	17	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	24	25	0	0.000	7.120	7.705	7.900
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 22.567	71.000
Isoproturon	ug/l	AS	16	17	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.275	1.500
Linuron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	16	17	0	0.000	< 0.001	< 0.013	0.054
MCPB	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.732	1.700
Mecoprop	ug/l	AS	16	17	0	0.000	< 0.001	< 0.003	0.008
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.047	0.170
Metalaxyl	ug/l	AS	16	17	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	16	17	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	16	17	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	16	17	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.980	1.848	4.400
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.143	4.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.005	< 0.043	< 0.098
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	16	16	0	0.000	< 0.003	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	16	17		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	16	17		0	0.000	0.005	0.048	0.096
Phorate	AS	16	17		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	16	17		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	16	17		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	16	17		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	16	17		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	16	17		0	0.000	< 0.002	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.229	0.310
Sodium	S	8	8		0	0.000	12.000	14.875	22.000
Sulphate	S	8	8		0	0.000	66.000	74.875	88.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	36	37		0	0.000	0.110	0.464	1.770
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.800	2.313	2.600
Total Trihalomethanes	S	8	8		0	0.000	41.000	51.875	65.000
Total coliforms	S	36	38		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	17		0	0.000	< 0.004	< 0.007	0.014
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.110	0.179	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 13981

This zone has a surface water source :R1301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	3.700	18.304	34.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.034	0.093
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.006	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.006	0.009
Bromate	ug BrO3/l	S	8	10	1	10.000	1.100	5.630	11.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	20.000	23.625	32.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.166	0.320
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	8.708	172.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.292	4.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.200	1.900
Conductivity	uS/cm 20 C	S	24	24	0	0.000	240.000	294.167	370.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.008	0.053
Cyanide	ug/l CN	AS	8	8	0	0.000	2.300	< 3.300	< 5.500
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.034
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.050	0.326	0.830
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Hydrogen Ion	pH value	S	24	24	0	0.000	7.020	7.494	8.130
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 17.654	100.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.150	0.500
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.003	0.019	0.051
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	0.420	1.768	6.200
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.005	0.010
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.012	0.016
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.770	1.314	2.500
Nitrate	mg N/l	S	8	8	0	0.000	0.580	1.866	8.000
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.012	< 0.038	< 0.160
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	25	2	8.000	0.000	0.600	10.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0601 - Ballinrees Limavady
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.054	0.070
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.229	0.430
Sodium	S	8	8		0	0.000	13.000	16.125	21.000
Sulphate	S	8	8		0	0.000	50.000	84.625	110.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.140	0.424	0.920
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.400	2.000	3.400
Total Trihalomethanes	S	8	8		0	0.000	35.000	56.500	93.000
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.170	0.320

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21221

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 20-AUG-2019 (ZN0601AE) Bromate = 11 ug BrO3.

Sample failed 02-JAN-2019 (ZN0601AE) Odour = 5 Diln No.

Sample failed 03-DEC-2019 (ZN0601AE) Odour = 10 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	10	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	10	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	6.400	19.635	85.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.019
Antimony	ug/l Sb	S	8	8	0	0.000	0.027	0.062	0.110
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.301	0.310
Asulam	ug/l	AS	8	10	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	8	10	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.008	0.009
Bromate	ug BrO3/l	S	8	8	0	0.000	1.300	2.213	6.900
Bromoxynil	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	16.000	20.500	23.000
Chlorotoluron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.183	0.320
Clopyralid	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.038	19.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.827	40.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.331	2.200
Conductivity	uS/cm 20 C	S	52	52	0	0.000	210.000	269.038	380.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.001	0.001
Cyanide	ug/l CN	AS	8	9	0	0.000	2.400	< 3.311	< 5.500
Dicamba	ug/l	AS	8	9	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	10	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	144	145	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	9	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.024
Fluroxypyr	ug/l	AS	8	9	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	< 0.050	< 0.346	0.740
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	52	52	0	0.000	7.070	7.629	8.110
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 10.488	160.000
Isoproturon	ug/l	AS	8	9	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	10	0	0.000	0.007	0.014	0.021
MCPB	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.610	7.600
Mecoprop	ug/l	AS	8	10	0	0.000	< 0.001	< 0.004	0.008
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.017	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	9	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	9	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.480	0.780	1.500
Nitrate	mg N/l	S	8	8	0	0.000	0.490	4.561	9.000
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.010	< 0.091	< 0.180
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	9	0	0.000	< 0.003	< 0.008	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0603 - Carmoney Eglinton
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	9		0	0.000	0.012	< 0.046	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	10		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	8	9		0	0.000	< 0.002	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.279	0.520
Sodium	S	8	8		0	0.000	11.000	13.125	15.000
Sulphate	S	8	8		0	0.000	39.000	61.500	86.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.140	0.442	0.840
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.400	1.638	2.300
Total Trihalomethanes	S	8	8		0	0.000	30.000	52.625	69.000
Total coliforms	S	144	145		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	10		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.100	< 0.130	0.470

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 56803

This zone has a surface water source :R4301

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	< 1.000	< 15.608	35.000
Ammonium	mg NH4/l	S	24	25	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.010	< 0.022	0.040
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	1.400	5.288	8.900
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	20.000	22.625	30.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.129	0.200
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.417	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.458	11.000
Colour	mg/l Pt/Co	S	24	25	0	0.000	< 1.000	< 1.188	2.600
Conductivity	uS/cm 20 C	S	24	26	0	0.000	240.000	280.385	350.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.002	0.010
Cyanide	ug/l CN	AS	8	8	0	0.000	1.900	< 3.313	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	48	48	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.018
Free - Residual disinfectant	mg Cl/l	S	48	48	0	0.000	0.090	0.347	1.290
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	24	26	0	0.000	6.980	7.342	7.930
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 21.225	150.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.002
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 2.160	5.500
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.021	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.540	1.119	2.000
Nitrate	mg N/l	S	8	8	0	0.000	0.470	0.619	0.860
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.009	< 0.012	< 0.017
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	2	8.333	0.000	0.292	4.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0604 - Caugh Hill Dungiven
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	13.000	15.000	20.000
Sulphate	S	8	8		0	0.000	79.000	95.500	120.000
Taste	S	24	24		1	4.167	0.000	0.125	3.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	48	48		0	0.000	0.180	0.444	1.390
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.000	1.475	2.100
Total Trihalomethanes	S	8	8		0	0.000	25.000	54.000	74.000
Total coliforms	S	48	48		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	25		0	0.000	0.100	0.136	0.290

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 17895

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 18-FEB-2019 (ZN0604AE) Odour = 3 Diln No.
Sample failed 25-NOV-2019 (ZN0604AE) Odour = 4 Diln No.
Sample failed 25-NOV-2019 (ZN0604AE) Taste = 3 Diln No.

Notes:

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

WATER SUPPLY ZONE - ZN0607 - Corrody Derry
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	0.005
2,4-DB	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	5.300	19.223	53.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	0.015
Antimony	ug/l Sb	S	8	8	0	0.000	0.020	0.055	0.070
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	16	17	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	16	16	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.008	0.010
Bromate	ug BrO3/l	S	8	8	0	0.000	1.300	2.600	6.100
Bromoxynil	ug/l	AS	16	16	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	16.000	21.750	27.000
Chlorotoluron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.170	0.260
Clopyralid	ug/l	AS	16	16	0	0.000	< 0.004	< 0.006	0.016
Clostridium perfringens (sulph red)	No./100 ml	AS	16	16	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.038	21.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.673	27.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.281	1.900
Conductivity	uS/cm 20 C	S	52	52	0	0.000	220.000	272.885	380.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.020
Cyanide	ug/l CN	AS	16	16	0	0.000	1.900	< 3.306	< 5.500
Dicamba	ug/l	AS	16	17	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	16	16	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	16	16	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	0.023
Fluroxypyr	ug/l	AS	16	17	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.090	0.329	0.800
Glyphosate	ug/l	AS	16	16	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	52	52	0	0.000	6.970	7.608	8.140
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 14.896	130.000
Isoproturon	ug/l	AS	16	16	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.193	0.670
Linuron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	16	16	0	0.000	< 0.001	< 0.010	0.051
MCPB	ug/l	AS	16	16	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.794	5.900
Mecoprop	ug/l	AS	16	16	0	0.000	< 0.001	< 0.003	0.010
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.028	0.080
Metalaxyl	ug/l	AS	16	16	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	16	16	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	16	16	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.470	0.959	1.600
Nitrate	mg N/l	S	8	8	0	0.000	0.520	3.279	6.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.010	< 0.065	< 0.120
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	16	16	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0607 - Corrody Derry
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	16	16		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	16	16		0	0.000	0.000	0.049	0.070
Phorate	AS	16	16		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	16	16		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	16	16		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	16	16		0	0.000	< 0.002	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.235	0.400
Sodium	S	8	8		0	0.000	12.000	14.375	18.000
Sulphate	S	8	8		0	0.000	52.000	69.375	100.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.180	0.425	0.890
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.100	2.063	3.200
Total Trihalomethanes	S	8	8		1	12.500	38.000	60.750	120.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	16	16		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.100	< 0.143	0.320

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 60924

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 23-SEP-2019 (ZN0607AE) Total Trihalomethanes = 120 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0701 - Derg Strabane
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.006
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	6.600	23.856	66.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	0.021
Antimony	ug/l Sb	S	8	8	0	0.000	0.030	0.050	0.067
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.006	0.008	0.010
Bromate	ug BrO3/l	S	8	8	0	0.000	1.800	3.088	4.000
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	17.000	19.375	22.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.216	0.590
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	0.015
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.111	4.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.322	1.900
Conductivity	uS/cm 20 C	S	36	36	0	0.000	120.000	233.611	310.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.003	0.012
Cyanide	ug/l CN	AS	8	8	0	0.000	2.800	4.825	11.000
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	0.011	< 0.014	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.050	0.495	1.890
Glyphosate	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.160	7.490	7.720
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 14.100	77.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.400	2.500
Linuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.027	0.107	0.340
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.449	3.700
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.009	0.030
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.012	0.022
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.460	0.655	1.000
Nitrate	mg N/l	S	8	8	0	0.000	2.700	4.850	8.100
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.054	< 0.098	< 0.160
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.010	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.000

WATER SUPPLY ZONE - ZN0701 - Derg Strabane
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.161	0.400
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.225	0.320
Sodium	S	8	8		0	0.000	12.000	12.625	14.000
Sulphate	S	8	8		0	0.000	33.000	47.875	74.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.180	0.612	2.190
Total Indicative Dose	AS	1	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.700	2.150	2.800
Total Trihalomethanes	S	8	8		1	12.500	43.000	67.125	110.000
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.010	0.025
Tritium	AS	1	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.131	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41698

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 29-APR-2019 (W4501OUT) MCPA = 0.19 ug/l.

Sample failed 13-MAY-2019 (W4501OUT) MCPA = 0.34 ug/l.

Sample failed 19-AUG-2019 (ZN0701AE) Total Trihalomethanes = 110 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	10	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	10	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	4.200	18.225	110.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.020
Antimony	ug/l Sb	S	8	8	0	0.000	0.023	0.045	0.068
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.336	0.480
Asulam	ug/l	AS	8	10	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	8	10	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.003	0.005	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	1.000	2.038	6.700
Bromoxynil	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	< 0.500	< 9.688	12.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.120	0.145	0.180
Clopyralid	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.125	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.958	17.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.825	4.500
Conductivity	uS/cm 20 C	S	24	24	0	0.000	120.000	148.333	190.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.008	0.036
Cyanide	ug/l CN	AS	8	8	0	0.000	2.900	< 3.725	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	10	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.050	0.468	0.840
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	24	24	0	0.000	7.120	7.353	7.610
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 10.675	73.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.109	0.170
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	8	10	0	0.000	< 0.001	< 0.012	0.039
MCPB	ug/l	AS	8	10	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	0.670	1.688	4.600
Mecoprop	ug/l	AS	8	10	0	0.000	< 0.001	< 0.002	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.026	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.210	0.473	1.100
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 0.729	1.300
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.014	< 0.026
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.011	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0702 - Glenhordial Omagh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.038	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	10		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	6.700	7.700	8.700
Sulphate	S	8	8		0	0.000	< 2.000	< 29.875	36.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.101	0.110
Total - Residual disinfectant	S	36	36		0	0.000	0.170	0.583	1.050
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.200	1.975	3.800
Total Trihalomethanes	S	8	8		0	0.000	27.000	47.750	100.000
Total coliforms	S	36	36		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	10		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.151	0.530

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 12030

This zone has a surface water source :R4541

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
 Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	1.500	16.417	120.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.020	0.104	0.580
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.315	0.410
Asulam	ug/l	AS	8	9	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.007	0.008
Bromate	ug BrO3/l	S	8	9	0	0.000	2.700	5.878	7.800
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	20.000	22.875	27.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.158	0.310
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	7	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.958	13.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.958	19.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.404	3.400
Conductivity	uS/cm 20 C	S	24	24	0	0.000	180.000	293.333	340.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.011
Cyanide	ug/l CN	AS	8	8	0	0.000	1.800	< 3.038	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.030
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	< 0.050	< 0.598	1.330
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	24	24	0	0.000	7.360	7.720	8.150
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 27.746	190.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.109	0.130
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.002
MCPB	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	0.100	0.991	12.000
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.011	0.017
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	0.018
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.340	1.171	4.500
Nitrate	mg N/l	S	8	8	0	0.000	0.540	2.276	8.100
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.011	< 0.045	< 0.160
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0704 - Lough Bradan Drumquin
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.228	0.320
Sodium	S	8	8		0	0.000	13.000	50.250	69.000
Sulphate	S	8	8		0	0.000	40.000	60.625	78.000
Taste	S	24	24		2	8.333	0.000	0.167	2.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.140	0.706	1.450
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.900	2.400	3.100
Total Trihalomethanes	S	8	8		1	12.500	56.000	80.375	130.000
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.004	< 0.007	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.155	0.500

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24310

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 06-JUN-2019 (ZN0704AE) Taste = 2 Diln No.

Sample failed 03-JUL-2019 (ZN0704AE) Taste = 2 Diln No.

Sample failed 20-AUG-2019 (ZN0704AE) Total Trihalomethanes = 130 ug/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	< 1.000	< 8.354	36.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.015	0.036	0.056
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.003	0.004	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	2.400	2.900	3.500
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	13.000	14.875	17.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.123	0.160
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.208	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.125	2.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.013	1.300
Conductivity	uS/cm 20 C	S	24	24	0	0.000	150.000	160.417	190.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.006	0.016
Cyanide	ug/l CN	AS	8	8	0	0.000	< 1.700	< 2.988	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	36	36	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	36	36	0	0.000	0.210	0.609	1.090
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	24	24	0	0.000	7.280	7.536	8.120
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 11.783	71.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.101	0.110
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.278	1.300
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.026	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.460	0.851	2.300
Nitrate	mg N/l	S	8	8	0	0.000	0.640	1.880	3.300
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.013	< 0.038	< 0.066
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.008	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.008	< 0.045	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	8.900	9.950	11.000
Sulphate	S	8	8		0	0.000	29.000	32.875	38.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	36	36		0	0.000	0.350	0.696	1.170
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.930	1.204	1.700
Total Trihalomethanes	S	8	8		0	0.000	18.000	34.125	49.000
Total coliforms	S	36	36		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.130	0.250

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11703

This zone has a surface water source :R4523

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killiclogher
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	27	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	27	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	< 1.000	< 10.192	24.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.019	0.037	0.045
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	27	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	27	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	2.100	2.588	3.500
Bromoxynil	ug/l	AS	24	27	0	0.000	< 0.004	< 0.007	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	13.000	14.500	16.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.155	0.190
Clopyralid	ug/l	AS	24	27	0	0.000	< 0.004	< 0.007	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	23	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.096	2.000
Conductivity	uS/cm 20 C	S	24	24	0	0.000	140.000	165.000	240.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.038
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 3.250	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	27	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.050	0.425	0.930
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	24	24	0	0.000	7.280	7.593	7.810
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 11.471	33.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	27	0	0.000	< 0.001	< 0.006	0.039
MCPB	ug/l	AS	24	27	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.428	1.200
Mecoprop	ug/l	AS	24	27	0	0.000	< 0.001	< 0.002	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.015	< 0.050
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	0.018
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.350	0.525	0.700
Nitrate	mg N/l	S	8	8	0	0.000	0.460	1.695	2.800
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.009	< 0.034	< 0.056
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killiclogher
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.043	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	27		0	0.000	< 0.002	< 0.004	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	8.700	9.775	11.000
Sulphate	S	8	8		0	0.000	31.000	33.875	39.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.140	0.519	0.990
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.200	1.500	2.000
Total Trihalomethanes	S	8	8		0	0.000	27.000	47.000	70.000
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	27		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.100	< 0.131	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23665

This zone has a surface water source :R4513

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	12	13	0	0.000	7.600	12.485	21.000
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	9	0	0.000	0.052	0.079	0.100
Arsenic	ug/l As	S	8	9	0	0.000	< 0.300	< 0.302	0.320
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	9	0	0.000	0.009	0.011	0.012
Bromate	ug BrO3/l	S	8	9	0	0.000	1.300	1.667	1.900
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	9	0	0.000	< 0.010	< 0.010	0.013
Chloride	mg Cl/l	S	8	9	0	0.000	16.000	18.444	20.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	9	0	0.000	< 0.100	< 0.117	0.160
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.125	1.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	1.083	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	13	0	0.000	0.000	1.308	12.000
Colour	mg/l Pt/Co	S	12	13	0	0.000	< 1.000	< 1.300	1.900
Conductivity	uS/cm 20 C	S	12	13	0	0.000	290.000	308.462	410.000
Copper	mg Cu/l	S	8	9	0	0.000	0.001	0.002	0.005
Cyanide	ug/l CN	AS	8	8	0	0.000	1.800	< 3.075	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	24	25	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	9	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	9	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.070	0.481	1.140
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	12	13	0	0.000	7.540	7.742	8.210
Iron	ug Fe/l	S	12	13	0	0.000	< 2.000	< 9.362	59.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	9	0	0.000	0.004	0.023	0.099
MCPB	ug/l	AS	8	9	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	12	13	0	0.000	< 0.100	< 0.555	4.000
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	0.007
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.023	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	9	0	0.000	0.730	0.934	1.100
Nitrate	mg N/l	S	8	10	0	0.000	2.200	2.690	3.500
Nitrate/Nitrite Formula		S	8	9	0	0.000	< 0.044	< 0.055	< 0.070
Nitrite	mg N/l	S	8	10	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	12	13	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.006	< 0.020
PAH - Sum of four substances	ug/l	S	8	9	0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.059	0.120
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	9		0	0.000	< 0.200	< 0.227	0.400
Sodium	S	8	9		0	0.000	26.000	27.444	29.000
Sulphate	S	8	9		0	0.000	56.000	60.667	66.000
Taste	S	12	13		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	24	24		0	0.000	0.160	0.598	1.270
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	9		0	0.000	1.700	2.367	3.400
Total Trihalomethanes	S	8	9		0	0.000	37.000	58.889	76.000
Total coliforms	S	24	25		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.004	< 0.006	0.013
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	12	13		0	0.000	< 0.100	< 0.156	0.440

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 5025

This zone has a surface water source :R4722

PCV Exceedances:

Sample failed 24-JUL-2019 (W4722OUT) Clostridium perfringens (sulph red) = 1 No./100.

Notes:

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

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	AS	8	9		0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	S	76	76		0	0.000	< 1.000	< 22.233	100.000
Ammonium	S	76	76		0	0.000	< 0.012	< 0.012	< 0.024
Antimony	S	8	8		0	0.000	0.051	0.063	0.079
Arsenic	S	8	8		0	0.000	0.300	0.344	0.470
Asulam	AS	8	9		0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	AS	8	9		0	0.000	< 0.001	< 0.001	< 0.003
Benzene	S	8	8		0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Boron	S	8	8		0	0.000	0.010	0.012	0.014
Bromate	S	8	8		0	0.000	1.300	1.650	2.300
Bromoxynil	AS	8	9		0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	S	8	8		0	0.000	< 0.010	< 0.014	0.040
Chloride	S	8	7		0	0.000	16.000	18.286	20.000
Chlorotoluron	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Chromium	S	8	8		0	0.000	< 0.100	< 0.269	0.460
Clopyralid	AS	8	9		0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	AS	8	8		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	76	76		0	0.000	0.000	3.789	119.000
Colony Counts 37 (48hrs)	S	76	76		0	0.000	0.000	1.184	22.000
Colour	S	76	76		0	0.000	< 1.000	< 1.342	2.300
Conductivity	S	76	76		0	0.000	310.000	412.500	450.000
Copper	S	8	8		0	0.000	0.001	0.002	0.005
Cyanide	AS	8	8		0	0.000	1.800	< 3.088	< 5.500
Dicamba	AS	8	8		0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.006
Diuron	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.006
E. coli	S	204	204		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	S	8	7		0	0.000	< 0.020	< 0.038	0.053
Fluroxypyr	AS	8	8		0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	S	204	204		0	0.000	0.050	0.435	1.230
Glyphosate	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.009
Hydrogen Ion	S	76	76		0	0.000	7.380	7.895	8.550
Iron	S	76	76		1	1.316	< 2.000	< 23.696	250.000
Isoproturon	AS	8	8		0	0.000	< 0.002	< 0.004	0.015
Lead	S	8	8		0	0.000	< 0.100	< 0.679	4.600
Linuron	AS	8	8		0	0.000	< 0.003	< 0.006	< 0.006
MCPA	AS	8	9		0	0.000	0.009	0.018	0.027
MCPB	AS	8	9		0	0.000	< 0.004	< 0.006	< 0.014
Manganese	S	76	76		1	1.316	< 0.100	< 3.502	92.000
Mecoprop	AS	8	9		0	0.000	< 0.001	< 0.002	< 0.004
Mercury	S	8	5		0	0.000	< 0.010	< 0.035	0.069
Metalaxyl	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	AS	8	8		0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Nickel	S	8	8		0	0.000	0.840	1.428	2.200
Nitrate	S	8	9		0	0.000	< 0.400	< 2.089	4.800
Nitrate/Nitrite Formula	S	8	9		0	0.000	< 0.007	< 0.042	< 0.096
Nitrite	S	8	9		0	0.000	< 0.010	< 0.010	< 0.010
Odour	S	76	76		0	0.000	0.000	0.000	0.000
Oxamyl	AS	8	8		0	0.000	< 0.003	< 0.011	< 0.023
PAH - Sum of four substances	S	8	8		0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN0802 - Killyhevlin Enniskillen
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.208	0.260
Sodium	S	8	8		0	0.000	16.000	31.625	42.000
Sulphate	S	8	7		0	0.000	65.000	106.429	120.000
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	204	204		0	0.000	0.110	0.546	1.370
Total Indicative Dose	AS	1	1		0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	S	8	8		0	0.000	2.000	2.675	3.300
Total Trihalomethanes	S	8	8		0	0.000	44.000	63.625	84.000
Total coliforms	S	204	204		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.100	0.248	1.900

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 79743

This zone has a surface water source :R4701

PCV Exceedances:

Sample failed 25-JUN-2019 (ZN0802AE) Iron = 250 ug Fe/.

Sample failed 04-FEB-2019 (ZN0802AE) Manganese = 92 ug Mn/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	12	12	0	0.000	3.200	10.858	32.000
Ammonium	mg NH4/l	S	12	12	0	0.000	< 0.012	< 0.012	< 0.013
Antimony	ug/l Sb	S	8	8	0	0.000	0.230	0.238	0.250
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.369	0.450
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.013	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	1.600	1.825	2.500
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	21.000	23.875	25.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.195	0.320
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.015	0.073
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	12	12	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12	0	0.000	0.000	0.500	6.000
Colour	mg/l Pt/Co	S	12	12	0	0.000	1.000	1.600	3.700
Conductivity	uS/cm 20 C	S	12	12	0	0.000	250.000	265.000	280.000
Copper	mg Cu/l	S	8	8	0	0.000	0.004	0.046	0.120
Cyanide	ug/l CN	AS	8	8	0	0.000	4.900	6.388	10.000
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.011	< 0.026
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	24	24	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.011	< 0.027
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	0.021
Fluroxypyr	ug/l	AS	8	8	0	0.000	0.010	0.016	0.021
Free - Residual disinfectant	mg Cl/l	S	24	24	0	0.000	0.050	0.540	1.140
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	12	12	0	0.000	6.910	7.271	7.610
Iron	ug Fe/l	S	12	12	0	0.000	< 2.000	< 11.600	31.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.200	0.540
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.011	0.027	0.038
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	12	12	0	0.000	< 0.100	< 0.935	3.700
Mecoprop	ug/l	AS	8	8	0	0.000	0.012	0.028	0.044
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.067	0.240
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.900	2.425	3.000
Nitrate	mg N/l	S	8	9	0	0.000	< 0.400	< 1.889	4.700
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.008	< 0.031	< 0.094
Nitrite	mg N/l	S	8	9	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	12	12	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	< 0.050	< 0.083	0.120
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.223	0.310
Sodium	S	8	8		0	0.000	13.000	14.375	15.000
Sulphate	S	8	8		0	0.000	47.000	51.875	58.000
Taste	S	12	12		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	24	24		0	0.000	0.220	0.712	1.280
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.500	3.125	3.800
Total Trihalomethanes	S	8	8		0	0.000	46.000	62.125	88.000
Total coliforms	S	24	24		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.009	0.018
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	12	12		0	0.000	< 0.100	< 0.138	0.250

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 9881

This zone has a surface water source :R2509

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.005
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	36	36	1	2.778	< 1.000	< 29.828	560.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.131	0.160
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.343	0.530
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.009	0.011	0.013
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.585	1.700
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	9	0	0.000	17.000	21.333	27.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.195	0.300
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.889	42.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.167	4.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	1.000	1.533	2.900
Conductivity	uS/cm 20 C	S	36	36	0	0.000	310.000	383.056	450.000
Copper	mg Cu/l	S	8	8	0	0.000	0.006	0.079	0.330
Cyanide	ug/l CN	AS	8	8	0	0.000	4.000	5.575	6.800
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.014	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	9	0	0.000	< 0.020	< 0.021	0.026
Fluroxypyr	ug/l	AS	8	8	0	0.000	0.008	0.014	0.020
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	< 0.050	< 0.457	1.260
Glyphosate	ug/l	AS	8	7	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.060	7.376	7.670
Iron	ug Fe/l	S	36	36	2	5.556	< 2.000	< 28.508	300.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.274	7.900
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	0.009	0.014	0.024
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	36	36	1	2.778	< 0.100	< 3.252	75.000
Mecoprop	ug/l	AS	8	8	0	0.000	0.007	0.012	0.023
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.030	0.058
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	2.450	6.800
Nitrate	mg N/l	S	8	8	0	0.000	1.400	5.875	10.000
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.029	< 0.118	< 0.200
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.020	0.060	0.110
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.236	0.320
Sodium	S	8	8		0	0.000	19.000	40.125	52.000
Sulphate	S	8	9		0	0.000	70.000	80.444	91.000
Taste	S	36	36		1	2.778	0.000	0.028	1.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96		0	0.000	0.110	0.654	1.440
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.200	3.025	4.000
Total Trihalomethanes	S	8	8		0	0.000	41.000	57.000	84.000
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.015	0.038
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.165	0.490

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 37792

This zone has a surface water source :R2514

PCV Exceedances:

Sample failed 12-AUG-2019 (ZN1102AE) Aluminium = 560 ug Al/.
 Sample failed 12-AUG-2019 (ZN1102AE) Iron = 300 ug Fe/.
 Sample failed 07-NOV-2019 (ZN1102AE) Iron = 230 ug Fe/.
 Sample failed 12-AUG-2019 (ZN1102AE) Manganese = 75 ug Mn/l.
 Sample failed 22-MAY-2019 (ZN1102AE) Taste = 1 Dilm No.

Notes:

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

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	6.200	19.356	49.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.143	0.230
Arsenic	ug/l As	S	8	8	0	0.000	0.300	0.308	0.330
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	25	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.013	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.395	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.010	0.010
Chloride	mg Cl/l	S	8	8	0	0.000	23.000	25.500	27.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.170	0.293	0.430
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.008	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.972	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.194	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.106	1.900
Conductivity	uS/cm 20 C	S	36	36	0	0.000	360.000	380.833	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.008	0.035
Cyanide	ug/l CN	AS	24	24	0	0.000	2.600	< 4.067	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	120	121	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.021	0.024
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.060	0.317	0.810
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.330	7.608	7.850
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 17.883	66.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.578	4.500
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.008	0.019
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.935	9.300
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.021	< 0.050
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.990	1.574	2.500
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.070	3.600
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.040	< 0.072
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.230	0.320
Sodium	S	8	8		0	0.000	17.000	18.375	19.000
Sulphate	S	8	8		0	0.000	66.000	73.625	78.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	120	120		0	0.000	0.190	0.498	1.230
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.463	3.100
Total Trihalomethanes	S	8	8		0	0.000	35.000	47.000	61.000
Total coliforms	S	120	121		0	0.000	0.000	0.017	2.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.120	0.177	0.270

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46660

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 15-NOV-2019 (ZS0101AE) Total coliforms = 2 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	5.700	22.748	120.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.134	0.170
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.311	0.340
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	25	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.014	0.019
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.473	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	24.000	25.500	26.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.120	0.236	0.330
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.008	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	3.462	160.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.731	30.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.094	1.600
Conductivity	uS/cm 20 C	S	52	52	0	0.000	340.000	379.423	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.006	0.019
Cyanide	ug/l CN	AS	24	24	0	0.000	2.600	< 4.067	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	132	132	1	0.758	0.000	> 0.758	>100.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.022	0.027
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.212	0.530
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.320	7.613	7.860
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 21.646	230.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.743	3.700
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.008	0.019
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.106	11.000
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.021	< 0.050
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.960	1.358	2.000
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.028	3.400
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.040	< 0.068
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.001	0.004

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.235	0.350
Sodium	S	8	8		0	0.000	17.000	18.250	19.000
Sulphate	S	8	8		0	0.000	67.000	73.250	78.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.140	0.398	0.940
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.800	2.400	3.200
Total Trihalomethanes	S	8	8		0	0.000	42.000	50.250	57.000
Total coliforms	S	132	132		0	0.000	0.000	> 0.758	>100.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.193	0.540

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50466

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 23-SEP-2019 (ZS0102AE) E. coli = >100 No./l.

Sample failed 25-JUL-2019 (ZS0102AE) Iron = 230 ug Fe/.

Sample failed 23-SEP-2019 (ZS0102AE) Total coliforms = >100 No./l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	72	72	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	1	1.923	25.000	89.885	570.000
Ammonium	mg NH4/l	S	52	54	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.052	0.070	0.098
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	72	72	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	72	73	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.001	< 0.005	0.009
Bromate	ug BrO3/l	S	8	8	0	0.000	0.770	0.905	1.100
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.014	0.023	0.032
Chloride	mg Cl/l	S	8	8	0	0.000	8.300	10.300	17.000
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.115	0.200
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	72	72	0	0.000	0.000	0.028	2.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.154	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.654	29.000
Colour	mg/l Pt/Co	S	52	53	0	0.000	< 1.000	< 1.032	1.500
Conductivity	uS/cm 20 C	S	52	52	0	0.000	78.000	97.923	250.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.018
Cyanide	ug/l CN	AS	72	72	0	0.000	< 1.700	< 3.736	7.000
Dicamba	ug/l	AS	72	72	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	72	73	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.074	0.098
Fluroxypyr	ug/l	AS	72	72	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.050	0.358	0.660
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.070	7.465	7.880
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 14.648	66.000
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.018	6.000
Linuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.005	0.020
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.152	8.800
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	5	0	0.000	0.010	< 0.026	< 0.050
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.160	0.618	1.800
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.725	2.500
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.035	< 0.050
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	72	72	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	72	72		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	72	72		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	72	72		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.208	0.260
Sodium	S	8	8		0	0.000	6.000	7.238	12.000
Sulphate	S	8	8		0	0.000	14.000	18.500	39.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.060	0.404	0.740
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.710	1.138	1.700
Total Trihalomethanes	S	8	8		0	0.000	27.000	41.875	54.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.173	0.330

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 62496

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 28-JAN-2019 (ZS0103AE) Aluminium = 570 ug Al/.

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	72	72	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	5.300	34.731	93.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.084	0.101	0.120
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.304	0.320
Asulam	ug/l	AS	72	72	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	72	73	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.022	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.006	0.010	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.525	< 0.990
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.011	0.017	0.024
Chloride	mg Cl/l	S	8	8	0	0.000	11.000	18.875	25.000
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.195	0.300
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	72	72	0	0.000	0.000	0.028	2.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.472	13.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	2.500	68.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.106	1.600
Conductivity	uS/cm 20 C	S	36	36	0	0.000	120.000	276.944	380.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.021	0.140
Cyanide	ug/l CN	AS	72	72	0	0.000	< 1.700	< 3.736	7.000
Dicamba	ug/l	AS	72	72	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	72	73	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.025	0.050	0.079
Fluroxypyr	ug/l	AS	72	72	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.060	0.241	0.620
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.130	7.553	7.760
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 23.503	120.000
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 1.090	6.900
Linuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.005	0.020
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.800	6.400
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.021	0.060
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.290	1.200	3.300
Nitrate	mg N/l	S	8	8	0	0.000	0.720	2.015	3.300
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.014	< 0.040	< 0.066
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	72	72	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 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.
Pendimethalin	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	72	72		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	72	72		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	72	72		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.244	0.370
Sodium	S	8	8		0	0.000	2.800	12.713	18.000
Sulphate	S	8	8		0	0.000	23.000	48.750	68.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.140	0.389	0.760
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.100	2.088	3.200
Total Trihalomethanes	S	8	8		0	0.000	40.000	49.375	57.000
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.100	0.190	0.450

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44178

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	AS	72	72		0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	AS	72	72		0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	S	52	52		0	0.000	9.000	43.827	140.000
Ammonium	S	52	52		0	0.000	< 0.012	< 0.012	< 0.012
Antimony	S	8	8		0	0.000	0.083	0.119	0.200
Arsenic	S	8	8		0	0.000	< 0.300	< 0.303	0.320
Asulam	AS	72	72		0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	AS	72	73		0	0.000	< 0.001	< 0.001	< 0.003
Benzene	S	8	8		0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	S	8	8		0	0.000	< 0.001	< 0.001	< 0.002
Boron	S	8	8		0	0.000	0.005	0.010	0.014
Bromate	S	8	8		0	0.000	< 0.300	< 0.514	< 0.990
Bromoxynil	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	S	8	8		0	0.000	< 0.010	< 0.018	0.028
Chloride	S	8	8		0	0.000	8.000	19.375	26.000
Chlorotoluron	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Chromium	S	8	8		0	0.000	< 0.100	< 0.180	0.240
Clopyralid	AS	72	72		0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	AS	72	72		0	0.000	0.000	0.028	2.000
Colony Counts 22	S	52	52		0	0.000	0.000	0.885	15.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	1.154	34.000
Colour	S	52	52		0	0.000	< 1.000	< 1.102	1.800
Conductivity	S	52	52		0	0.000	77.000	271.308	380.000
Copper	S	8	8		0	0.000	0.001	0.007	0.031
Cyanide	AS	72	72		0	0.000	< 1.700	< 3.736	7.000
Dicamba	AS	72	72		0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	AS	72	73		0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	AS	72	72		0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.006
Diuron	AS	72	72		0	0.000	< 0.003	< 0.003	< 0.006
E. coli	S	144	145		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	AS	72	72		0	0.000	0.000	< 0.004	< 0.009
Flufenacet	AS	72	72		0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	S	8	8		0	0.000	0.023	0.047	0.092
Fluroxypyr	AS	72	72		0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	S	144	145		0	0.000	0.060	0.346	0.820
Glyphosate	AS	72	72		0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	S	52	52		0	0.000	7.210	7.551	7.780
Iron	S	52	52		0	0.000	< 2.000	< 15.333	100.000
Isoproturon	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Lead	S	8	8		0	0.000	< 0.100	< 2.995	9.900
Linuron	AS	72	72		0	0.000	< 0.003	< 0.006	< 0.006
MCPA	AS	72	72		0	0.000	< 0.001	< 0.005	0.020
MCPB	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.014
Manganese	S	52	52		0	0.000	< 0.100	< 1.122	6.300
Mecoprop	AS	72	72		0	0.000	< 0.001	< 0.003	0.011
Mercury	S	8	6		0	0.000	< 0.010	< 0.035	0.120
Metalaxyl	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	AS	72	72		0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Nickel	S	8	8		0	0.000	0.300	1.198	2.100
Nitrate	S	8	8		0	0.000	0.460	1.920	3.400
Nitrate/Nitrite Formula	S	8	8		0	0.000	< 0.009	< 0.041	< 0.068
Nitrite	S	8	8		0	0.000	< 0.010	< 0.015	0.052
Odour	S	52	52		0	0.000	0.000	0.000	0.000
Oxamyl	AS	72	72		0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0105 - Belfast Breda South
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	72	72		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	72	72		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	72	72		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.215	0.280
Sodium	S	8	8		0	0.000	5.800	13.475	18.000
Sulphate	S	8	8		0	0.000	15.000	50.375	74.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	145		0	0.000	0.120	0.495	1.030
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.300	1.925	2.700
Total Trihalomethanes	S	8	8		0	0.000	35.000	45.875	57.000
Total coliforms	S	144	145		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.120	0.186	0.620

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59414

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	53	2	3.774	6.600	27.421	270.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.016
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.133	0.160
Arsenic	ug/l As	S	8	8	0	0.000	0.300	0.320	0.420
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.024	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.013	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.514	< 0.990
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	23.000	25.125	27.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.210	0.269	0.400
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.250	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.038	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.113	1.700
Conductivity	uS/cm 20 C	S	52	52	0	0.000	340.000	379.038	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.005	0.009
Cyanide	ug/l CN	AS	32	32	0	0.000	1.900	< 3.803	< 5.500
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	132	132	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.022
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.432	0.980
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.290	7.593	7.890
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 26.567	540.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.654	4.300
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.007	0.019
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.925	6.600
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.021	< 0.050
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.000	1.375	1.700
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.950	3.500
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.038	< 0.070
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	< 0.046	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.241	0.380
Sodium	S	8	8		0	0.000	17.000	18.375	20.000
Sulphate	S	8	8		0	0.000	70.000	74.125	77.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	132	132		0	0.000	0.200	0.610	1.130
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.100	2.500	2.900
Total Trihalomethanes	S	8	8		0	0.000	31.000	43.500	60.000
Total coliforms	S	132	132		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.100	0.171	0.930

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50289

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 02-JUL-2019 (ZS0106AE) Aluminium = 270 ug Al/.

Sample failed 16-JUL-2019 (ZS0106AE) Aluminium = 220 ug Al/.

Sample failed 16-JUL-2019 (ZS0106AE) Iron = 540 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	8.400	24.169	170.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.049	0.088	0.120
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.009	0.011	0.013
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.709	1.200
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	17.000	21.625	25.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.180	0.263	0.370
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.361	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.778	16.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.075	1.600
Conductivity	uS/cm 20 C	S	36	36	0	0.000	320.000	354.444	390.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.017	0.041
Cyanide	ug/l CN	AS	32	32	0	0.000	1.900	< 3.803	< 5.500
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	120	121	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.022	0.025
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.060	0.271	0.800
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.060	7.464	7.730
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 50.139	720.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.423	1.600
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.007	0.019
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 4.308	26.000
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.029	0.065
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	1.713	2.100
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.975	3.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.039	< 0.064
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	< 0.046	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.205	0.230
Sodium	S	8	8		0	0.000	13.000	15.625	18.000
Sulphate	S	8	8		0	0.000	66.000	76.375	83.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	120	120		0	0.000	0.120	0.424	0.970
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.400	2.025	2.800
Total Trihalomethanes	S	8	8		0	0.000	26.000	40.625	54.000
Total coliforms	S	120	121		0	0.000	0.000	> 0.826	>100.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		1	2.778	0.130	0.330	4.500

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46151

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 12-DEC-2019 (ZS0107AE) Iron = 720 ug Fe/.

Sample failed 23-SEP-2019 (ZS0107AE) Total coliforms = >100 No./l.

Sample failed 12-DEC-2019 (ZS0107AE) Turbidity = 4.5 NTU.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	72	72	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	72	72	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	1	2.778	1.200	86.728	410.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.056	0.067	0.099
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	72	72	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	72	73	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.005	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	0.610	< 0.830	< 0.990
Bromoxynil	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.021	0.032	0.041
Chloride	mg Cl/l	S	8	8	0	0.000	8.100	10.000	12.000
Chlorotoluron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.114	0.190
Clopyralid	ug/l	AS	72	72	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	72	72	0	0.000	0.000	0.028	2.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	2.222	40.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.025	1.300
Conductivity	uS/cm 20 C	S	36	36	0	0.000	77.000	100.194	350.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.007	0.026
Cyanide	ug/l CN	AS	72	72	0	0.000	< 1.700	< 3.736	7.000
Dicamba	ug/l	AS	72	72	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	72	73	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	108	108	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	72	72	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	72	72	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	9	0	0.000	0.080	0.090	0.100
Fluroxypyr	ug/l	AS	72	72	0	0.000	< 0.005	< 0.011	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.070	0.469	0.810
Glyphosate	ug/l	AS	72	72	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.100	7.523	8.300
Iron	ug Fe/l	S	36	36	1	2.778	< 2.000	< 23.647	470.000
Isoproturon	ug/l	AS	72	72	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	0.110	1.781	6.500
Linuron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	72	72	0	0.000	< 0.001	< 0.005	0.020
MCPB	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.123	7.300
Mecoprop	ug/l	AS	72	72	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.020	0.064
Metalaxyl	ug/l	AS	72	72	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	72	72	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	72	72	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	72	72	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.210	0.515	1.400
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.663	2.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.033	< 0.044
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	72	72	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.002

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	72	72		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	72	72		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	72	72		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	72	72		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	72	72		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	72	72		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.200	0.200
Sodium	S	8	8		0	0.000	5.900	6.838	8.000
Sulphate	S	8	8		0	0.000	14.000	16.625	21.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.120	0.511	0.890
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.720	0.986	1.300
Total Trihalomethanes	S	8	8		0	0.000	28.000	41.375	54.000
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	72		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.110	0.189	0.450

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40640

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 01-OCT-2019 (ZS0108AE) Aluminium = 410 ug Al/.

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Sample failed 19-MAR-2019 (ZS0108AE) Iron = 470 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	5.300	19.714	77.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.035	0.047	0.071
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.008	0.010	0.018
Bromate	ug BrO3/l	S	8	8	0	0.000	0.900	1.093	1.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	16.000	17.500	19.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.220	0.318	0.480
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.111	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.361	5.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.075	1.400
Conductivity	uS/cm 20 C	S	36	36	0	0.000	290.000	323.056	370.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.003	0.006
Cyanide	ug/l CN	AS	8	8	0	0.000	1.900	< 3.013	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	120	121	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.026
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	121	0	0.000	0.080	0.393	0.750
Glyphosate	ug/l	AS	8	7	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	36	36	0	0.000	6.930	7.289	7.680
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 10.942	68.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.275	1.400
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.007
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	36	37	0	0.000	1.400	4.681	12.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.022	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.600	1.925	2.300
Nitrate	mg N/l	S	8	8	0	0.000	1.300	2.513	3.500
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.050	< 0.070
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	1	2.778	0.000	0.056	2.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.021
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0109 - Dorisland Whiteabbey
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.205	0.220
Sodium	S	8	8		0	0.000	12.000	12.750	14.000
Sulphate	S	8	8		0	0.000	69.000	81.375	99.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	120	121		0	0.000	0.150	0.508	1.350
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.200	1.488	1.800
Total Trihalomethanes	S	8	8		0	0.000	16.000	36.500	51.000
Total coliforms	S	120	121		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.110	0.184	0.770

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46514

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 05-AUG-2019 (ZS0109AE) Odour = 2 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	8.800	23.844	70.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.110	0.129	0.150
Arsenic	ug/l As	S	8	8	0	0.000	0.300	0.330	0.380
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	25	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.386	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	24.000	25.625	27.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.220	0.299	0.460
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.008	0.026
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	1.056	23.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	1.278	23.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.108	1.700
Conductivity	uS/cm 20 C	S	36	36	0	0.000	< 2.000	<369.500	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.015
Cyanide	ug/l CN	AS	24	24	0	0.000	2.600	< 4.067	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	25	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.023	0.029
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.012	< 0.018
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.070	0.399	0.900
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.370	7.627	7.900
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 10.433	39.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	1	12.500	< 0.100	< 2.634	20.000
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.008	0.019
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.478	3.400
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.006
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.014	0.025
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.750	1.431	2.300
Nitrate	mg N/l	S	8	8	0	0.000	0.620	2.036	3.400
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.012	< 0.041	< 0.068
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.003	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.018	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.274	0.420
Sodium	S	8	8		0	0.000	18.000	18.250	19.000
Sulphate	S	8	8		0	0.000	65.000	73.375	78.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.240	0.582	1.150
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.200	2.538	2.900
Total Trihalomethanes	S	8	8		0	0.000	32.000	48.625	60.000
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.152	0.320

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35094

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 08-JUL-2019 (ZS0111AE) Lead = 20 ug Pb/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.012
Aluminium	ug Al/l	S	36	37	0	0.000	5.100	19.008	42.000
Ammonium	mg NH4/l	S	36	37	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.032	0.043	0.065
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.028	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.009	0.009	0.011
Bromate	ug BrO3/l	S	8	8	0	0.000	0.930	1.088	1.400
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Chloride	mg Cl/l	S	8	8	0	0.000	16.000	17.375	19.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.200	0.281	0.350
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.444	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.111	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.083	1.400
Conductivity	uS/cm 20 C	S	36	36	0	0.000	290.000	320.278	390.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.004	0.015
Cyanide	ug/l CN	AS	8	8	0	0.000	1.900	< 3.013	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	108	109	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.025	0.035
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.007	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108	0	0.000	0.080	0.386	0.960
Glyphosate	ug/l	AS	8	7	0	0.000	< 0.003	< 0.005	< 0.012
Hydrogen Ion	pH value	S	36	36	0	0.000	7.010	7.380	7.700
Iron	ug Fe/l	S	36	37	11	29.730	< 2.000	<141.776	480.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.003	0.007
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.014
Manganese	ug Mn/l	S	36	37	0	0.000	1.100	6.319	18.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.029	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.500	1.938	2.400
Nitrate	mg N/l	S	8	8	0	0.000	1.300	2.500	3.300
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.050	< 0.066
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.007	< 0.021
PAH - Sum of four substances	ug/l	S	8	9	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	7		0	0.000	12.000	12.714	14.000
Sulphate	S	8	8		0	0.000	68.000	82.000	100.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	108		0	0.000	0.150	0.488	1.250
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.300	1.488	1.700
Total Trihalomethanes	S	8	8		0	0.000	19.000	29.750	46.000
Total coliforms	S	108	109		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.005	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.100	0.428	1.400

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44289

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 07-JAN-2019 (ZS0201AE) Iron = 260 ug Fe/.
 Sample failed 14-JAN-2019 (ZS0201AE) Iron = 300 ug Fe/.
 Sample failed 25-FEB-2019 (ZS0201AE) Iron = 220 ug Fe/.
 Sample failed 29-JUL-2019 (ZS0201AE) Iron = 230 ug Fe/.
 Sample failed 27-AUG-2019 (ZS0201AE) Iron = 350 ug Fe/.
 Sample failed 07-OCT-2019 (ZS0201AE) Iron = 420 ug Fe/.
 Sample failed 14-OCT-2019 (ZS0201AE) Iron = 320 ug Fe/.
 Sample failed 20-NOV-2019 (ZS0201AE) Iron = 320 ug Fe/.
 Sample failed 26-NOV-2019 (ZS0201AE) Iron = 420 ug Fe/.
 Sample failed 09-DEC-2019 (ZS0201AE) Iron = 430 ug Fe/.
 Sample failed 12-DEC-2019 (ZS0201AE) Iron = 480 ug Fe/.

Notes:

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

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	76	76	1	1.316	14.000	83.776	330.000
Ammonium	mg NH4/l	S	76	76	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.048	0.060	0.070
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.022	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	0.740	0.900	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.018	0.026	0.036
Chloride	mg Cl/l	S	8	8	0	0.000	8.100	9.888	12.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.100	0.108	0.130
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.083	2.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	> 4.237	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.829	37.000
Colour	mg/l Pt/Co	S	76	77	0	0.000	< 1.000	< 1.053	2.600
Conductivity	uS/cm 20 C	S	76	77	0	0.000	75.000	84.169	120.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.004	0.011
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 2.858	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	216	216	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.076	0.088	0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	216	217	0	0.000	0.050	0.478	0.950
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	76	76	0	0.000	6.530	7.519	8.880
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 20.158	110.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.154	0.510
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 1.115	9.100
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.012	0.015
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.110	0.939	3.000
Nitrate	mg N/l	S	8	8	0	0.000	1.400	1.725	2.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.028	< 0.035	< 0.044
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	77	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	9	0	0.000	< 0.000	< 0.000	0.002

WATER SUPPLY ZONE - ZS0401 - Drumaroad Bangor
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	24	24		0	0.000	0.000	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.200	0.200
Sodium	S	8	8		0	0.000	5.900	6.750	8.300
Sulphate	S	8	8		0	0.000	14.000	15.750	22.000
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	216	217		0	0.000	0.070	0.524	0.970
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.780	0.970	1.300
Total Trihalomethanes	S	8	8		0	0.000	25.000	41.500	51.000
Total coliforms	S	216	216		0	0.000	0.000	0.009	2.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.100	0.176	0.500

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 86340

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 22-JUL-2019 (ZS0401AE) Aluminium = 330 ug Al/.
Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.
Sample failed 25-APR-2019 (ZS0401AE) Total coliforms = 2 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	76	76	3	3.947	16.000	90.276	260.000
Ammonium	mg NH4/l	S	76	77	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.043	0.073	0.140
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	0.770	0.895	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.026	0.033	0.048
Chloride	mg Cl/l	S	8	8	0	0.000	7.800	9.350	10.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.115	0.160
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.083	2.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.566	32.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.342	8.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	< 1.000	< 1.028	1.500
Conductivity	uS/cm 20 C	S	76	76	0	0.000	73.000	84.276	110.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.005	0.021
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 2.858	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	228	228	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.077	0.085	0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	228	228	0	0.000	0.050	0.461	0.880
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	76	76	0	0.000	6.690	7.654	8.880
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 19.809	200.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.128	0.260
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 1.084	4.900
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.018	0.037
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.170	0.264	0.430
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.563	1.800
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.031	< 0.036
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	76	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZS0404 - Drumaroad Ards
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	24	24		0	0.000	0.000	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.204	0.230
Sodium	S	8	8		0	0.000	5.700	6.450	6.800
Sulphate	S	8	8		0	0.000	14.000	15.500	17.000
Taste	S	76	76		2	2.632	0.000	0.053	3.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	228	228		0	0.000	0.070	0.505	0.900
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.570	0.961	1.500
Total Trihalomethanes	S	8	8		0	0.000	22.000	40.000	73.000
Total coliforms	S	228	228		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	< 0.100	< 0.171	0.430

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 90531

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-FEB-2019 (ZS0404AE) Aluminium = 210 ug Al/.
 Sample failed 22-JUL-2019 (ZS0404AE) Aluminium = 250 ug Al/.
 Sample failed 18-NOV-2019 (ZS0404AE) Aluminium = 260 ug Al/.
 Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.
 Sample failed 21-MAY-2019 (ZS0404AE) Taste = 3 Dilm No.
 Sample failed 11-JUN-2019 (ZS0404AE) Taste = 1 Dilm No.

Notes:

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

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	16.000	84.778	190.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.050	0.062	0.083
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.006
Bromate	ug BrO3/l	S	8	8	0	0.000	0.730	0.926	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.021	0.035	0.060
Chloride	mg Cl/l	S	8	8	0	0.000	8.100	9.888	12.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.113	0.140
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.083	2.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.167	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.139	2.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.053	1.500
Conductivity	uS/cm 20 C	S	36	36	0	0.000	75.000	83.833	130.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.012	0.032
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 2.858	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	84	84	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.068	0.084	0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	84	84	0	0.000	0.100	0.544	0.850
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	6.910	7.400	7.840
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 25.914	170.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	0.100	0.155	0.450
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 1.463	14.000
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.010	< 0.010
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.120	0.363	0.600
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.688	2.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.034	< 0.044
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 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.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	24	24		0	0.000	0.000	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.206	0.250
Sodium	S	8	8		0	0.000	5.700	6.750	8.600
Sulphate	S	8	8		0	0.000	14.000	16.250	23.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	84	84		0	0.000	0.200	0.619	0.950
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.780	1.023	1.300
Total Trihalomethanes	S	8	8		0	0.000	24.000	36.000	47.000
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.224	0.850

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 32349

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Notes:

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

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.012
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	< 1.000	< 20.085	56.000
Ammonium	mg NH4/l	S	52	53	0	0.000	< 0.012	< 0.014	0.120
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.133	0.150
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.314	0.350
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.007	< 0.017
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.013	0.014	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.416	< 0.990
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.010	0.011
Chloride	mg Cl/l	S	8	8	0	0.000	24.000	26.000	28.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.160	0.246	0.430
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	2.750	74.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.865	33.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	1.000	1.098	1.600
Conductivity	uS/cm 20 C	S	52	52	0	0.000	360.000	385.000	410.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.008	0.041
Cyanide	ug/l CN	AS	32	32	0	0.000	2.200	4.275	7.000
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.020	0.022
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	< 0.050	< 0.346	1.010
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.420	7.599	7.850
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 16.169	220.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.178	0.690
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.872	6.400
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.025	< 0.050
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.950	1.356	2.000
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.974	4.200
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.039	< 0.084
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.020	< 0.047	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.225	0.290
Sodium	S	8	8		0	0.000	19.000	20.250	22.000
Sulphate	S	8	8		0	0.000	65.000	74.625	81.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.080	0.502	1.100
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.100	2.600	3.200
Total Trihalomethanes	S	8	8		0	0.000	47.000	52.375	63.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.005	0.019
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.100	0.191	1.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 62161

PCV Exceedances:

Sample failed 14-MAR-2019 (ZS0502AE) Iron = 220 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.012
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	11.000	23.542	71.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.136	0.160
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.319	0.360
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.007	< 0.017
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.014	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.516	< 0.990
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.011	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	25.000	26.250	28.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.160	0.249	0.320
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.083	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	> 12.708	>300.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.038	1.500
Conductivity	uS/cm 20 C	S	24	24	0	0.000	360.000	391.667	420.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.013	0.041
Cyanide	ug/l CN	AS	32	32	0	0.000	2.200	4.275	7.000
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	72	72	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.022	0.026
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.050	0.346	2.000
Glyphosate	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	24	24	0	0.000	7.510	7.663	7.840
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 18.829	130.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.353	1.800
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.848	2.700
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	7	0	0.000	< 0.010	< 0.047	0.170
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	1	12.500	1.000	9.538	66.000
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.225	4.800
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.002	< 0.043	< 0.096
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.020	< 0.047	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.248	0.350
Sodium	S	8	8		0	0.000	19.000	22.875	27.000
Sulphate	S	8	8		0	0.000	60.000	75.750	88.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	72	72		0	0.000	0.120	0.516	2.020
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.200	2.563	3.200
Total Trihalomethanes	S	8	8		0	0.000	35.000	50.250	63.000
Total coliforms	S	72	72		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.005	0.019
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.110	0.186	0.510

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29076

PCV Exceedances:

Sample failed 02-APR-2019 (ZS0503AE) Nickel = 66 ug Ni/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	19.000	86.596	170.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.050	0.073	0.100
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	0.760	0.893	1.100
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.023	0.030	0.044
Chloride	mg Cl/l	S	8	8	0	0.000	8.000	9.425	10.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.114	0.160
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.083	2.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.346	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	1.135	54.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.048	1.400
Conductivity	uS/cm 20 C	S	52	52	0	0.000	74.000	86.135	200.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.011	0.051
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 2.858	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	144	145	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.078	0.089	0.097
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.110	0.612	1.000
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.070	7.545	8.260
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 11.854	200.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.808	3.400
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.909	5.800
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	7	0	0.000	< 0.010	< 0.032	0.074
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.180	0.521	1.600
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.638	1.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.033	< 0.038
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	53	1	1.887	0.000	0.189	10.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0601 - Drumaroad Ballynahinch
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 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.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	24	24		0	0.000	0.000	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	5.800	6.500	6.900
Sulphate	S	8	8		0	0.000	15.000	15.625	16.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.130	0.686	1.200
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.660	1.023	1.300
Total Trihalomethanes	S	8	8		0	0.000	25.000	35.000	53.000
Total coliforms	S	144	145		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.100	< 0.164	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 57791

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Sample failed 30-SEP-2019 (ZS0601AE) Odour = 10 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	36	36	1	2.778	< 1.000	< 91.611	320.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.052	0.068	0.089
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.005	0.005
Bromate	ug BrO3/l	S	8	8	0	0.000	0.710	0.889	1.000
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.013	0.026	0.041
Chloride	mg Cl/l	S	8	8	0	0.000	7.800	9.250	10.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.138	0.290
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.083	2.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.528	12.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.056	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.028	1.300
Conductivity	uS/cm 20 C	S	36	36	0	0.000	75.000	83.222	88.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.013	0.040
Cyanide	ug/l CN	AS	24	24	0	0.000	< 1.700	< 2.858	< 5.500
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	108	109	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.080	0.100
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.009	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	109	0	0.000	0.120	0.548	1.010
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.008	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	7.010	7.674	8.530
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 20.192	160.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.186	0.560
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	0.003
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	0.100	1.108	6.300
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.022	< 0.050
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.190	0.523	1.300
Nitrate	mg N/l	S	8	8	0	0.000	1.300	1.600	1.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.032	< 0.038
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.003

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	< 0.040	< 0.050
Phorate	AS	24	24		0	0.000	0.000	< 0.006	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.200	0.200
Sodium	S	8	8		0	0.000	5.700	6.375	6.800
Sulphate	S	8	8		0	0.000	14.000	15.125	16.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	108	109		0	0.000	0.130	0.615	1.040
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.580	1.075	2.400
Total Trihalomethanes	S	8	8		0	0.000	24.000	39.625	62.000
Total coliforms	S	108	109		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	0.100	0.201	0.550

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43533

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 19-NOV-2019 (ZS0602AE) Aluminium = 320 ug Al/.

Sample failed 04-FEB-2019 (W3801OUT) Clostridium perfringens (sulph red) = 2 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	13.000	53.231	170.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.074	0.117	0.160
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.306	0.340
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.005	0.013	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.619	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.017	0.029
Chloride	mg Cl/l	S	8	8	0	0.000	8.800	19.663	26.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.188	0.290
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.212	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.058	1.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.056	1.600
Conductivity	uS/cm 20 C	S	52	52	0	0.000	75.000	275.462	410.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.026	0.120
Cyanide	ug/l CN	AS	24	24	0	0.000	2.200	4.283	7.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	0.020	0.036	0.085
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.070	0.537	1.820
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.010	7.554	7.870
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 14.912	63.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.753	4.900
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.080	6.900
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.028	< 0.050
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	1	12.500	0.290	5.924	30.000
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.894	4.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.037	< 0.098
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	9	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0802 - Castor Bay Lurgan
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.020	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.246	0.370
Sodium	S	8	8		0	0.000	6.300	15.975	22.000
Sulphate	S	8	8		0	0.000	14.000	54.250	88.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.120	0.678	1.830
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.780	1.873	3.100
Total Trihalomethanes	S	8	8		0	0.000	33.000	45.250	67.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.120	0.185	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 64048

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 14-AUG-2019 (ZS0802AE) Nickel = 30 ug Ni/l.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	76	76	0	0.000	8.800	27.089	98.000
Ammonium	mg NH4/l	S	76	76	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.110	0.128	0.160
Arsenic	ug/l As	S	8	8	0	0.000	0.300	0.313	0.350
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.013	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.399	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.012
Chloride	mg Cl/l	S	8	8	0	0.000	25.000	26.000	27.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.170	0.253	0.360
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	76	76	0	0.000	0.000	0.553	28.000
Colony Counts 37 (48hrs)	No./1 ml	S	76	76	0	0.000	0.000	0.118	2.000
Colour	mg/l Pt/Co	S	76	76	0	0.000	< 1.000	< 1.054	1.900
Conductivity	uS/cm 20 C	S	76	76	0	0.000	350.000	386.974	420.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.001	< 0.011	0.044
Cyanide	ug/l CN	AS	24	24	0	0.000	2.200	4.283	7.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	228	228	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.025
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	228	228	0	0.000	0.080	0.570	0.950
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	76	76	0	0.000	7.110	7.505	7.770
Iron	ug Fe/l	S	76	76	0	0.000	< 2.000	< 20.097	190.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.159	0.540
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	76	76	0	0.000	< 0.100	< 1.149	6.000
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.078	0.330
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.300	1.938	2.800
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.125	4.600
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.003	< 0.041	< 0.092
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	76	77	1	1.299	0.000	0.039	3.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0808 - Castor Bay Craigavon
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 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.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.020	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.260	0.360
Sodium	S	8	8		0	0.000	19.000	22.000	25.000
Sulphate	S	8	8		0	0.000	64.000	75.375	87.000
Taste	S	76	76		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	228	228		0	0.000	0.200	0.742	1.350
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.300	2.600	3.500
Total Trihalomethanes	S	8	8		0	0.000	26.000	39.250	58.000
Total coliforms	S	228	228		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	76	76		0	0.000	0.120	0.197	0.560

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 89961

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 11-MAR-2019 (ZS0808AE) Odour = 3 Diln No.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	11.000	25.865	100.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.016
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.176	0.470
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.309	0.340
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.012	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.429	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.013
Chloride	mg Cl/l	S	8	8	0	0.000	25.000	25.875	27.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.160	0.218	0.280
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.731	35.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.154	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.073	2.600
Conductivity	uS/cm 20 C	S	52	53	0	0.000	350.000	387.736	420.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.017	0.074
Cyanide	ug/l CN	AS	24	24	0	0.000	2.200	4.283	7.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	192	193	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	0.021
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	192	192	0	0.000	0.050	0.524	1.680
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.200	7.511	7.730
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 11.919	100.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.129	0.320
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 0.938	4.700
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	7	0	0.000	< 0.010	< 0.018	0.057
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.200	1.713	3.600
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.374	5.000
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.047	< 0.100
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.020	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.231	0.330
Sodium	S	8	8		0	0.000	20.000	21.750	24.000
Sulphate	S	8	8		0	0.000	62.000	75.875	89.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	192	192		0	0.000	0.150	0.713	1.850
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.550	3.900
Total Trihalomethanes	S	8	8		0	0.000	29.000	44.875	60.000
Total coliforms	S	192	193		0	0.000	0.000	0.010	1.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	0.100	0.171	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 75933

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 30-OCT-2019 (ZS0809AE) Total coliforms = 1 No./100.

Sample failed 31-OCT-2019 (ZS0809AE) Total coliforms = 1 No./100.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	52	52	1	1.923	6.900	35.402	250.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.134	0.150
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.315	0.390
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.014	0.015	0.017
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.535	1.200
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.012	0.017
Chloride	mg Cl/l	S	8	8	0	0.000	24.000	25.750	28.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.150	0.269	0.390
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	0.154	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.212	5.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.027	1.600
Conductivity	uS/cm 20 C	S	52	52	0	0.000	140.000	380.962	420.000
Copper	mg Cu/l	S	8	8	0	0.000	0.004	0.015	0.033
Cyanide	ug/l CN	AS	24	24	0	0.000	2.200	4.283	7.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	144	144	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	144	144	0	0.000	0.050	0.574	1.270
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.180	7.508	7.830
Iron	ug Fe/l	S	52	52	0	0.000	< 2.000	< 17.683	150.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.436	2.700
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.398	17.000
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.010	< 0.035	0.087
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.000	1.700	2.600
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.978	4.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.000	< 0.038	< 0.098
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.020	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.216	0.260
Sodium	S	8	8		0	0.000	19.000	21.625	24.000
Sulphate	S	8	8		0	0.000	63.000	78.125	92.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	144	144		0	0.000	0.120	0.749	1.580
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.000	2.500	3.100
Total Trihalomethanes	S	8	8		0	0.000	29.000	43.875	65.000
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	0.110	0.258	3.400

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55672

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 04-NOV-2019 (ZS0810AE) Aluminium = 250 ug Al/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West
 Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	24	24	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	11.000	25.542	54.000
Ammonium	mg NH4/l	S	24	24	0	0.000	< 0.012	< 0.012	< 0.019
Antimony	ug/l Sb	S	8	8	0	0.000	0.120	0.136	0.170
Arsenic	ug/l As	S	8	8	0	0.000	0.300	0.311	0.350
Asulam	ug/l	AS	24	24	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	24	24	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.023	< 0.041
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.013	0.014	0.015
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.300	< 0.401	< 0.990
Bromoxynil	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.012	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	25.000	26.000	27.000
Chlorotoluron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.190	0.270	0.360
Clopyralid	ug/l	AS	24	24	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	24	24	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	24	0	0.000	0.000	0.292	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 1.000	< 1.029	1.500
Conductivity	uS/cm 20 C	S	24	24	0	0.000	350.000	387.917	420.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.012	0.049
Cyanide	ug/l CN	AS	24	24	0	0.000	2.200	4.283	7.000
Dicamba	ug/l	AS	24	24	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	60	60	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	24	24	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.021	0.025
Fluroxypyr	ug/l	AS	24	24	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	60	0	0.000	0.100	0.569	1.220
Glyphosate	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	24	24	0	0.000	7.260	7.552	7.770
Iron	ug Fe/l	S	24	24	0	0.000	< 2.000	< 12.542	58.000
Isoproturon	ug/l	AS	24	24	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.121	0.210
Linuron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	24	24	0	0.000	0.002	0.007	0.020
MCPB	ug/l	AS	24	24	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.100	< 0.948	3.500
Mecoprop	ug/l	AS	24	24	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.016	0.033
Metalaxyl	ug/l	AS	24	24	0	0.000	< 0.004	< 0.005	< 0.012
Metamitron	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	24	24	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	24	24	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	24	24	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	1.100	1.575	2.200
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 2.325	4.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.003	< 0.046	< 0.098
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.001	0.002

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.020	< 0.046	< 0.050
Phorate	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.004	< 0.005	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	0.200	0.260	0.390
Sodium	S	8	8		0	0.000	20.000	21.875	24.000
Sulphate	S	8	8		0	0.000	61.000	75.250	87.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	60	60		0	0.000	0.290	0.738	1.340
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.200	2.663	3.600
Total Trihalomethanes	S	8	8		0	0.000	36.000	48.125	64.000
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	0.120	0.167	0.250

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 22962

This zone has a surface water source :R2308

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	8	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	32	32	0	0.000	< 0.003	< 0.005	< 0.012
Aluminium	ug Al/l	S	36	36	0	0.000	9.800	20.644	66.000
Ammonium	mg NH4/l	S	36	36	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.060	0.099	0.250
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.306	0.350
Asulam	ug/l	AS	32	32	0	0.000	< 0.005	< 0.008	< 0.017
Bentazone	ug/l	AS	32	32	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	8	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.004	0.006	0.014
Bromate	ug BrO3/l	S	8	8	0	0.000	0.910	1.125	1.300
Bromoxynil	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	0.010	0.012	0.015
Chloride	mg Cl/l	S	8	8	0	0.000	10.000	13.875	26.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.136	0.240
Clopyralid	ug/l	AS	32	32	0	0.000	< 0.004	< 0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36	0	0.000	0.000	0.306	9.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36	0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	36	36	0	0.000	< 1.000	< 1.156	2.100
Conductivity	uS/cm 20 C	S	36	36	0	0.000	79.000	112.111	400.000
Copper	mg Cu/l	S	8	8	0	0.000	0.001	0.006	0.017
Cyanide	ug/l CN	AS	32	32	0	0.000	2.200	4.141	7.000
Dicamba	ug/l	AS	32	32	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.002	< 0.004
Diflufenican	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.006
E. coli	No./100 ml	S	96	96	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	32	32	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	96	96	0	0.000	0.060	0.686	1.220
Glyphosate	ug/l	AS	32	31	0	0.000	< 0.003	< 0.006	< 0.017
Hydrogen Ion	pH value	S	36	36	0	0.000	6.810	7.479	7.880
Iron	ug Fe/l	S	36	36	0	0.000	< 2.000	< 13.533	86.000
Isoproturon	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.121	0.200
Linuron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	< 0.001	< 0.006	0.020
MCPB	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.014
Manganese	ug Mn/l	S	36	36	0	0.000	< 0.100	< 0.739	2.400
Mecoprop	ug/l	AS	32	32	0	0.000	< 0.001	< 0.003	0.011
Mercury	ug/l Hg	S	8	5	0	0.000	< 0.010	< 0.012	0.014
Metalaxyl	ug/l	AS	32	32	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	< 0.003	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	< 0.002	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.240	1.773	6.500
Nitrate	mg N/l	S	8	8	0	0.000	< 0.400	< 1.328	2.100
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.005	< 0.026	< 0.042
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	36	36	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS0902 - Fofanny Dromore
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	< 0.046	< 0.050
Phorate	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.203	0.220
Sodium	S	8	8		0	0.000	6.800	9.613	22.000
Sulphate	S	8	8		0	0.000	16.000	25.875	79.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	8		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	96	96		0	0.000	0.120	0.773	1.450
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.920	1.465	2.400
Total Trihalomethanes	S	8	8		0	0.000	25.000	44.500	61.000
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	< 0.004	< 0.006	0.019
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.100	< 0.149	0.280

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 37362

This zone has a surface water source :R2711

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	8.100	23.452	58.000
Ammonium	mg NH4/l	S	52	52	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	8	0	0.000	0.057	0.076	0.100
Arsenic	ug/l As	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Asulam	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.001	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.021	< 0.030
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	8	0	0.000	0.003	0.005	0.008
Bromate	ug BrO3/l	S	8	8	0	0.000	0.890	1.089	1.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.010	< 0.011	0.014
Chloride	mg Cl/l	S	8	8	0	0.000	9.900	12.863	17.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.100	< 0.154	0.220
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	8	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	52	52	0	0.000	0.000	1.308	17.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.231	3.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 1.000	< 1.179	2.100
Conductivity	uS/cm 20 C	S	52	52	0	0.000	92.000	126.846	350.000
Copper	mg Cu/l	S	8	8	0	0.000	0.002	0.010	0.022
Cyanide	ug/l CN	AS	8	8	0	0.000	2.200	< 3.713	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.012	< 0.013	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Diiflufenican	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.006
E. coli	No./100 ml	S	156	156	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.020	< 0.020	< 0.020
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.005	< 0.010	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156	0	0.000	0.060	0.679	1.410
Glyphosate	ug/l	AS	8	7	0	0.000	< 0.003	< 0.007	< 0.017
Hydrogen Ion	pH value	S	52	52	0	0.000	7.170	7.559	8.840
Iron	ug Fe/l	S	52	52	1	1.923	< 2.000	< 22.725	590.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 0.100	< 0.930	6.100
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.006	< 0.006
MCPA	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	0.005
MCPB	ug/l	AS	8	8	0	0.000	< 0.004	< 0.007	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.100	< 1.040	5.700
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.001	< 0.002	< 0.004
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.027	0.100
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.004	< 0.006	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.004	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.003	< 0.005	< 0.010
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.002	< 0.004	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.240	0.545	0.970
Nitrate	mg N/l	S	8	8	0	0.000	0.900	1.538	2.100
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.018	< 0.031	< 0.042
Nitrite	mg N/l	S	8	8	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.003	< 0.010	< 0.023
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.001

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.003	< 0.004	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	< 0.044	< 0.050
Phorate	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.002	< 0.004	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.005	< 0.006
Selenium	S	8	8		0	0.000	< 0.200	< 0.200	< 0.200
Sodium	S	8	8		0	0.000	6.800	8.250	11.000
Sulphate	S	8	8		0	0.000	18.000	20.750	35.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	156	156		0	0.000	0.150	0.788	1.690
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.710	1.295	1.800
Total Trihalomethanes	S	8	8		0	0.000	24.000	40.000	61.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.004	< 0.006	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.100	< 0.160	0.770

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 63635

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 05-MAR-2019 (ZS0904AE) Iron = 590 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	8	9	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	0.000	0.002	0.007
2,4-DB	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.012
Aluminium	ug Al/l	S	24	25	0	0.000	4.900	11.924	46.000
Ammonium	mg NH4/l	S	24	25	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	8	9	0	0.000	0.160	0.180	0.270
Arsenic	ug/l As	S	8	9	0	0.000	< 0.300	< 0.324	0.380
Asulam	ug/l	AS	32	32	0	0.000	0.000	< 0.007	< 0.017
Bentazone	ug/l	AS	32	32	0	0.000	0.000	< 0.001	< 0.003
Benzene	ug/l	S	8	9	0	0.000	< 0.020	< 0.025	< 0.041
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.001	< 0.001	< 0.002
Boron	mg/l B	S	8	9	0	0.000	0.010	0.010	0.011
Bromate	ug BrO3/l	S	8	9	0	0.000	1.300	1.556	1.900
Bromoxynil	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.013
Cadmium	ug/l Cd	S	8	9	0	0.000	0.011	0.017	0.021
Chloride	mg Cl/l	S	8	9	0	0.000	17.000	19.778	23.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.008
Chromium	ug/l Cr	S	8	9	0	0.000	0.150	0.202	0.250
Clopyralid	ug/l	AS	32	32	0	0.000	0.000	0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	24	25	0	0.000	0.000	0.320	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	25	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	25	0	0.000	1.100	1.908	3.000
Conductivity	uS/cm 20 C	S	24	25	0	0.000	250.000	281.600	300.000
Copper	mg Cu/l	S	8	9	0	0.000	0.004	0.029	0.092
Cyanide	ug/l CN	AS	32	32	0	0.000	0.000	4.338	7.000
Dicamba	ug/l	AS	32	32	0	0.000	0.000	< 0.012	< 0.017
Dichlorprop	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.004
Diiflufenican	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.006
E. coli	No./100 ml	S	36	41	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	9	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.005
Fluoride	mg F/l	S	8	9	0	0.000	< 0.020	< 0.024	0.035
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.000	0.011	0.021
Free - Residual disinfectant	mg Cl/l	S	36	39	0	0.000	0.070	0.568	1.110
Glyphosate	ug/l	AS	32	31	0	0.000	0.000	< 0.005	< 0.017
Hydrogen Ion	pH value	S	24	25	0	0.000	7.110	7.281	7.670
Iron	ug Fe/l	S	24	25	0	0.000	< 2.000	< 7.856	70.000
Isoproturon	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.003
Lead	ug Pb/l	S	8	9	0	0.000	< 0.100	< 0.111	0.160
Linuron	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	0.000	0.012	0.037
MCPB	ug/l	AS	32	32	0	0.000	0.000	< 0.006	< 0.014
Manganese	ug Mn/l	S	24	25	0	0.000	< 0.100	< 0.469	3.400
Mecoprop	ug/l	AS	32	32	0	0.000	0.000	0.005	0.019
Mercury	ug/l Hg	S	8	6	0	0.000	< 0.010	< 0.035	< 0.050
Metalaxyl	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.008
Nickel	ug Ni/l	S	8	9	0	0.000	2.700	3.122	3.600
Nitrate	mg N/l	S	8	10	0	0.000	1.900	4.790	11.000
Nitrate/Nitrite Formula		S	8	9	0	0.000	< 0.038	< 0.098	< 0.220
Nitrite	mg N/l	S	8	10	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	24	24	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	0.000	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	8	9	0	0.000	0.000	< 0.000	< 0.000

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	0.000	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	0.051	0.096
Phorate	AS	32	32		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	0.000	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	0.000	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	0.000	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	8	9		0	0.000	< 0.200	< 0.231	0.330
Sodium	S	8	9		0	0.000	11.000	12.556	13.000
Sulphate	S	8	9		0	0.000	54.000	61.778	68.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	8	9		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	8	9		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	36	39		0	0.000	0.210	0.783	1.270
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.700	3.450	4.300
Total Trihalomethanes	S	8	9		0	0.000	45.000	61.333	76.000
Total coliforms	S	36	41		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	0.000	0.008	0.031
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	25		0	0.000	< 0.100	< 0.135	0.230

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10166

This zone has a surface water source :R2707

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
1,2 Dichloroethane	ug/l	S	4	5	0	0.000	< 0.100	< 0.100	< 0.100
2,4-D	ug/l	AS	32	32	0	0.000	0.000	0.002	0.007
2,4-DB	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.012
Aluminium	ug Al/l	S	4	4	0	0.000	12.000	14.000	15.000
Ammonium	mg NH4/l	S	4	4	0	0.000	< 0.012	< 0.012	< 0.012
Antimony	ug/l Sb	S	4	4	0	0.000	0.150	0.165	0.170
Arsenic	ug/l As	S	4	4	0	0.000	0.310	0.328	0.360
Asulam	ug/l	AS	32	32	0	0.000	0.000	< 0.007	< 0.017
Bentazone	ug/l	AS	32	32	0	0.000	0.000	< 0.001	< 0.003
Benzene	ug/l	S	4	5	0	0.000	< 0.020	< 0.021	0.024
Benzo(a)pyrene	ug/l	S	4	4	0	0.000	< 0.001	< 0.001	< 0.001
Boron	mg/l B	S	4	4	0	0.000	0.009	0.010	0.011
Bromate	ug BrO3/l	S	4	4	0	0.000	1.100	1.500	2.100
Bromoxynil	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.013
Cadmium	ug/l Cd	S	4	4	0	0.000	0.012	0.015	0.016
Chloride	mg Cl/l	S	4	4	0	0.000	19.000	21.750	23.000
Chlorotoluron	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.003
Chlorpyrifos	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.008
Chromium	ug/l Cr	S	4	4	0	0.000	0.180	0.198	0.220
Clopyralid	ug/l	AS	32	32	0	0.000	0.000	0.007	0.035
Clostridium perfringens (sulph red)	No./100 ml	AS	32	32	0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4	0	0.000	< 1.000	< 1.750	2.400
Conductivity	uS/cm 20 C	S	4	4	0	0.000	290.000	300.000	310.000
Copper	mg Cu/l	S	4	4	0	0.000	0.005	0.011	0.015
Cyanide	ug/l CN	AS	32	32	0	0.000	0.000	4.338	7.000
Dicamba	ug/l	AS	32	32	0	0.000	0.000	< 0.012	< 0.017
Dichlorprop	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.004
Diiflufenican	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.009
Dimethenamid	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.006
Diuron	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.006
E. coli	No./100 ml	S	12	12	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	4	4	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.005
Fenpropimorph	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.009
Flufenacet	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.005
Fluoride	mg F/l	S	4	4	0	0.000	0.023	0.026	0.035
Fluroxypyr	ug/l	AS	32	32	0	0.000	0.000	0.011	0.021
Free - Residual disinfectant	mg Cl/l	S	12	12	0	0.000	0.110	0.537	0.930
Glyphosate	ug/l	AS	32	31	0	0.000	0.000	< 0.005	< 0.017
Hydrogen Ion	pH value	S	4	4	0	0.000	7.100	7.305	7.430
Iron	ug Fe/l	S	4	4	0	0.000	7.900	11.700	19.000
Isoproturon	ug/l	AS	32	32	0	0.000	0.000	< 0.002	< 0.003
Lead	ug Pb/l	S	4	4	0	0.000	< 0.100	< 0.185	0.440
Linuron	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.006
MCPA	ug/l	AS	32	32	0	0.000	0.000	0.012	0.037
MCPB	ug/l	AS	32	32	0	0.000	0.000	< 0.006	< 0.014
Manganese	ug Mn/l	S	4	4	0	0.000	0.500	0.783	1.200
Mecoprop	ug/l	AS	32	32	0	0.000	0.000	0.005	0.019
Mercury	ug/l Hg	S	4	3	0	0.000	< 0.010	< 0.020	0.040
Metalaxyl	ug/l	AS	32	32	0	0.000	0.000	< 0.005	< 0.012
Metamitron	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.007
Metazachlor	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.010
Metoxuron	ug/l	AS	32	32	0	0.000	0.000	< 0.004	< 0.008
Metribuzin	ug/l	AS	32	32	0	0.000	0.000	< 0.003	< 0.008
Nickel	ug Ni/l	S	4	4	0	0.000	2.300	3.175	4.400
Nitrate	mg N/l	S	4	4	0	0.000	2.900	6.650	12.000
Nitrate/Nitrite Formula		S	4	4	0	0.000	< 0.058	< 0.134	< 0.240
Nitrite	mg N/l	S	4	4	0	0.000	< 0.010	< 0.010	< 0.010
Odour	Diln No	S	4	4	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32	0	0.000	0.000	< 0.009	< 0.023
PAH - Sum of four substances	ug/l	S	4	4	0	0.000	< 0.000	< 0.000	0.001

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly
Printed On 10-FEB-2020 : NI Water : Period 01-JAN-2019 to 31-DEC-2019 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV Auth Dep	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Min.	Mean	Max.
Pendimethalin	AS	32	32		0	0.000	0.000	< 0.004	< 0.008
Pesticides - Total Substances	AS	32	32		0	0.000	0.000	0.051	0.096
Phorate	AS	32	32		0	0.000	0.000	< 0.005	< 0.012
Pirimicarb	AS	32	32		0	0.000	0.000	< 0.003	< 0.008
Propachlor	AS	32	32		0	0.000	0.000	< 0.005	< 0.012
Propiconazole	AS	32	32		0	0.000	0.000	< 0.002	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.002	< 0.003	< 0.007
Prothioconazole	AS	32	32		0	0.000	0.000	< 0.005	< 0.006
Selenium	S	4	4		0	0.000	< 0.200	< 0.235	0.330
Sodium	S	4	4		0	0.000	13.000	13.750	15.000
Sulphate	S	4	4		0	0.000	53.000	63.250	71.000
Taste	S	4	4		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.002	< 0.002	< 0.004
Tetrachloroethene/Trichloroethene - S	S	4	5		0	0.000	< 0.200	< 0.200	< 0.200
Tetrachloromethane	S	4	5		0	0.000	< 0.100	< 0.100	< 0.100
Total - Residual disinfectant	S	12	12		0	0.000	0.320	0.733	1.170
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	4	4		0	0.000	2.700	3.250	3.800
Total Trihalomethanes	S	4	4		0	0.000	51.000	67.500	87.000
Total coliforms	S	12	12		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	32		0	0.000	0.000	0.008	0.031
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	4	4		0	0.000	< 0.100	< 0.140	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 4423

This zone has a surface water source :R2308

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point