

WATER SUPPLY ZONE - ZN0102 - Ballinrees West

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Dep	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	0.005
2,4-DB	ug/l	AS	8	9			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	53			0	0.000	12.000	28.358	81.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.024
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	9			0	0.000	< 0.017	< 0.025	< 0.085
Bentazone	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	20.000	22.125	24.000
Chlorotoluron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.570	1.600
Clopyralid	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 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	54			0	0.000	0.000	7.407	56.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	55			0	0.000	0.000	1.091	25.000
Colour	mg/l Pt/Co	S	52	52			0	0.000	< 0.930	< 1.338	2.900
Conductivity	uS/cm 20 C	S	52	52			0	0.000	140.000	302.885	360.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	9			0	0.000	< 5.500	< 5.656	6.600
Dicamba	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.009	< 0.009	< 0.009
Dimethenamid	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	180	181			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	9			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.153	0.170
Fluroxypyr	ug/l	AS	8	9			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	180	184			0	0.000	0.050	0.379	0.840
Glyphosate	ug/l	AS	8	9			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	52	52			0	0.000	7.100	7.586	7.980
Iron	ug Fe/l	S	52	53			0	0.000	< 14.200	< 28.294	200.000
Isoproturon	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.375	1.900
Linuron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9			0	0.000	< 0.002	< 0.033	0.072
MCPB	ug/l	AS	8	9			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	54			0	0.000	< 0.830	< 2.416	7.500
Mecoprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.006	0.009
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	9			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9			0	0.000	< 0.006	< 0.008	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	1.100	1.263	1.700
Nitrate	mg/l	S	8	8			0	0.000	1.100	2.438	3.700
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.022	< 0.049	< 0.074
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	52			5	9.615	0.000	0.712	10.000
Oxamyl	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0102 - Ballinrees West

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contraven ing PCV	Concentration or value (all samples)		
				Auth Dep	ing PCV		Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	9		0	0.000	0.006	0.040	0.082
Phorate	AS	8	9		0	0.000	< 0.009	< 0.012	< 0.012
Pirimicarb	AS	8	9		0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	8	9		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	15.000	16.875	18.000
Sulphate	S	8	8		0	0.000	50.000	59.750	69.000
Taste	S	52	52		4	7.692	0.000	0.404	10.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.780	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	180	184		0	0.000	0.110	0.514	1.190
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.100	2.738	3.500
Total Trihalomethanes	S	8	8		0	0.000	45.000	68.625	89.000
Total coliforms	S	180	181		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	< 0.180	< 0.224	0.670

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70913

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 02-JUN-2021 (ZN0102AE) Odour = 10 Diln No.  
 Sample failed 09-JUN-2021 (ZN0102AE) Odour = 4 Diln No.  
 Sample failed 14-JUN-2021 (ZN0102AE) Odour = 5 Diln No.  
 Sample failed 21-JUN-2021 (ZN0102AE) Odour = 8 Diln No.  
 Sample failed 28-JUN-2021 (ZN0102AE) Odour = 10 Diln No.  
 Sample failed 09-JUN-2021 (ZN0102AE) Taste = 3 Diln No.  
 Sample failed 14-JUN-2021 (ZN0102AE) Taste = 5 Diln No.  
 Sample failed 28-JUN-2021 (ZN0102AE) Taste = 10 Diln No.  
 Sample failed 27-JUL-2021 (ZN0102AE) 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 - ZN0103 - Ballinrees East

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	con	traven	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	0.005
2,4-DB	ug/l	AS	8	9			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24			0	0.000	14.000	30.833	70.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.018
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.188	0.240
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.341	0.560
Asulam	ug/l	AS	8	9			0	0.000	< 0.017	< 0.025	< 0.085
Bentazone	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	9			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 1.016	1.200
Bromoxynil	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	11.000	21.125	25.000
Chlorotoluron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.744	2.200
Clopyralid	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 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	26			0	0.000	0.000	10.846	157.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	26			0	0.000	0.000	0.692	9.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.401	2.600
Conductivity	uS/cm 20 C	S	24	24			0	0.000	230.000	301.667	360.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	9			0	0.000	< 5.500	< 5.656	6.600
Dicamba	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.009	< 0.009	< 0.009
Dimethenamid	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	72	73			1	1.370	0.000	0.767	56.000
Enterococci	No./100ml	S	8	8			1	12.500	0.000	42.750	342.000
Epoxiconazole	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	9			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	9			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	77			0	0.000	0.050	0.304	0.610
Glyphosate	ug/l	AS	8	9			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24			0	0.000	7.260	7.605	7.930
Iron	ug Fe/l	S	24	24			0	0.000	< 14.200	< 33.042	120.000
Isoproturon	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9			0	0.000	< 0.002	< 0.033	0.072
MCPB	ug/l	AS	8	9			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	25			0	0.000	< 0.830	< 2.723	10.000
Mecoprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.006	0.009
Mercury	ug/l Hg	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	9			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9			0	0.000	< 0.006	< 0.008	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.940	1.125	1.400
Nitrate	mg/l	S	8	8			0	0.000	1.300	2.325	3.700
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.026	< 0.047	< 0.074
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	9			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0103 - Ballinrees East										
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth	Min.	Mean	Max.
Pendimethalin	AS	8	8	0	0	0.000	< 0.008	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	9	0	0	0.000	0.006	0.040	0.082	
Phorate	AS	8	9	0	0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	8	9	0	0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	8	9	0	0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	9	0	0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8	0	0	0.000	0.410	0.410	0.410	
Sodium	S	8	8	0	0	0.000	8.000	15.625	19.000	
Sulphate	S	8	8	0	0	0.000	50.000	63.375	85.000	
Taste	S	24	24	0	0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8	0	0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	8	0	0	0.000	< 0.770	< 0.780	< 0.790	
Tetrachloromethane	AS	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	72	77	0	0	0.000	0.150	0.439	0.740	
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8	0	0	0.000	2.100	2.700	3.600	
Total Trihalomethanes	S	8	9	0	0	0.000	36.000	73.222	89.000	
Total coliforms	S	72	73	1	1	1.370	0.000	0.767	56.000	
Triclopyr	AS	8	9	0	0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	24	24	0	0	0.000	0.180	0.243	0.590	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 27009

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 05-JUL-2021 (ZN0103AE) E. coli = 56 No./100.  
 Sample failed 05-JUL-2021 (ZN0103AE) Enterococci = 342 No./10.  
 Sample failed 05-JUL-2021 (ZN0103AE) Total coliforms = 56 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

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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV			Concentration or value (all samples)				
				Auth	Depl	ing PCV	% of samples contraven	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36			0	0.000	6.000	16.561	42.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.018
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.313	0.330
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.019	< 0.034
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 1.296	1.900
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	8.200	11.275	13.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.544	1.300
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	39			0	0.000	0.000	0.872	27.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	39			0	0.000	0.000	0.154	4.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.323	3.400
Conductivity	uS/cm 20 C	S	36	36			0	0.000	140.000	189.444	350.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	84	89			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	84	89			0	0.000	< 0.050	< 0.422	0.900
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	7.080	7.466	8.080
Iron	ug Fe/l	S	36	36			0	0.000	< 14.200	< 26.161	150.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			0	0.000	< 0.830	< 2.865	15.000
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	10			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.420	0.739	1.100
Nitrate	mg/l	S	8	8			0	0.000	0.880	1.143	1.300
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.018	< 0.023	< 0.026
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0202 - Altnahinch Bushmills										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.000	0.000	
Phorate	AS	8	8		0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	5.800	7.888	8.900	
Sulphate	S	8	8		0	0.000	41.000	58.500	88.000	
Taste	S	36	36		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790	
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	84	89		0	0.000	0.070	0.536	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	1.500	2.288	3.400	
Total Trihalomethanes	S	8	8		0	0.000	43.000	64.000	94.000	
Total coliforms	S	84	89		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	36	37		0	0.000	< 0.180	< 0.197	0.360	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 33836

This zone has a surface water source :R1702

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 - ZN0204 - Rathlin Island

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Dep	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	4	4			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	4	4			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	4	4			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	4	4			0	0.000	< 2.800	< 4.950	11.000
Ammonium	mg NH4/l	S	4	4			0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	4	4			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	4	4			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	4	4			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	4	4			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	4	4			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	4	4			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	4	4			0	0.000	0.038	0.042	0.045
Bromate	ug BrO3/l	S	4	4			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	4	4			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	4	4			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	4	4			0	0.000	66.000	69.250	73.000
Chlorotoluron	ug/l	AS	4	4			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	4	4			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	4	4			0	0.000	< 0.370	< 0.403	0.500
Clopyralid	ug/l	AS	4	4			0	0.000	< 0.013	< 0.013	< 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	4			0	0.000	0.000	5.250	21.000
Colony Counts 37 (48hrs)	No./1 ml	S	4	4			0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	4	4			0	0.000	< 0.930	< 1.583	3.000
Conductivity	uS/cm 20 C	S	4	4			0	0.000	460.000	467.500	470.000
Copper	mg Cu/l	S	4	4			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	4	4			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	4	4			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	4	4			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	4	4			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	4	4			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	4	4			0	0.000	< 0.006	< 0.006	< 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	4	4			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	4	3			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	4	4			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	4	4			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	4	4			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	12	12			0	0.000	< 0.050	< 0.384	0.530
Glyphosate	ug/l	AS	4	4			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	4	4			0	0.000	8.670	8.738	8.860
Iron	ug Fe/l	S	4	4			0	0.000	< 14.200	< 14.200	< 14.200
Isoproturon	ug/l	AS	4	4			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	4	4			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	4	4			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	4	4			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	4	4			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	4	4			0	0.000	< 0.830	< 0.830	< 0.830
Mecoprop	ug/l	AS	4	4			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	4	4			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	4	4			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	4	4			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	4	4			0	0.000	< 0.010	< 0.013	< 0.015
Metoxuron	ug/l	AS	4	4			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	4	4			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	4	4			0	0.000	1.100	2.075	3.300
Nitrate	mg/l	S	4	4			0	0.000	0.860	0.963	1.100
Nitrate/Nitrite Formula		S	4	4			0	0.000	< 0.017	< 0.019	< 0.022
Nitrite	mg/l	S	4	4			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	4	4			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	4	4			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	4	4			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0204 - Rathlin Island										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra-ven ing PCV	% of samples contra-ven ing PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	4	4	0	0	0.000	< 0.006	< 0.007	< 0.008	
Pesticides - Total Substances	AS	4	4	0	0	0.000	0.000	0.000	0.000	
Phorate	AS	4	4	0	0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	4	4	0	0	0.000	< 0.006	< 0.007	< 0.008	
Propachlor	AS	4	4	0	0	0.000	< 0.010	< 0.011	< 0.012	
Propiconazole	AS	4	4	0	0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	4	4	0	0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	4	4	0	0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	4	4	0	0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	4	4	0	0	0.000	97.000	98.000	99.000	
Sulphate	S	4	4	0	0	0.000	< 2.850	< 8.413	14.000	
Taste	S	4	4	2	2	50.000	0.000	3.000	10.000	
Tebuconazole	AS	4	4	0	0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	4	4	0	0	0.000	< 0.770	< 0.770	< 0.770	
Tetrachloromethane	AS	4	4	0	0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	12	12	0	0	0.000	< 0.050	< 0.470	0.630	
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	4	4	0	0	0.000	0.760	0.810	0.850	
Total Trihalomethanes	S	4	4	0	0	0.000	21.000	27.000	36.000	
Total coliforms	S	12	12	0	0	0.000	0.000	0.000	0.000	
Triclopyr	AS	4	4	0	0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	4	4	0	0	0.000	< 0.180	< 0.180	< 0.180	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 302

This zone has a surface water source :R1706

PCV Exceedances:

Sample failed 05-OCT-2021 (ZN0204AE) Taste = 2 Diln No.  
Sample failed 14-JUN-2021 (ZN0204AE) Taste = 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 - ZN0302 - Dungonnell Glarryford

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	32	32	0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	32	33	0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	32	33	0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	4.500	23.192	43.000
Ammonium	mg NH4/l	S	8	8	0	0.000	< 0.010	< 0.012	0.019
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	32	32	0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	32	33	0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	32	32	0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8	0	0.000	0.990	1.185	1.700
Bromoxynil	ug/l	AS	32	33	0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8	0	0.000	6.600	10.425	20.000
Chlorotoluron	ug/l	AS	32	33	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	32	33	0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.370	< 0.415	0.730
Clopyralid	ug/l	AS	32	33	0	0.000	< 0.013	< 0.015	0.034
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	0.292	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24	0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.930	< 1.126	2.200
Conductivity	uS/cm 20 C	S	24	24	0	0.000	110.000	152.917	310.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	32	33	0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	32	33	0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	32	33	0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	32	33	0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	32	33	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	32	33	0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	32	33	0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	32	33	0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	32	33	0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	72	0	0.000	0.050	0.530	0.990
Glyphosate	ug/l	AS	32	33	0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	pH value	S	24	24	0	0.000	7.190	7.517	7.990
Iron	ug Fe/l	S	24	24	0	0.000	< 14.200	< 23.483	100.000
Isoproturon	ug/l	AS	32	33	0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	32	33	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	32	33	0	0.000	< 0.002	< 0.008	0.021
MCPB	ug/l	AS	32	33	0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24	0	0.000	< 0.830	< 2.035	4.100
Mecoprop	ug/l	AS	32	33	0	0.000	< 0.004	< 0.007	0.076
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	32	33	0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	32	33	0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	32	33	0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	32	33	0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.290	0.966	2.800
Nitrate	mg/l	S	8	8	0	0.000	0.690	1.003	1.500
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.014	< 0.020	< 0.030
Nitrite	mg/l	S	8	8	0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8	0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0302 - Dungonnell Glarryford											
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.											
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contra- vening PCV	Concentration or value (all samples)				
				Auth	Dep		Min.	Mean	Max.		
Pendimethalin	AS	32	33			0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	32	33			0	0.000	0.000	0.016	0.076	
Phorate	AS	32	33			0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	32	33			0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	32	33			0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	32	34			0	0.000	0.000	< 0.007	< 0.007	
Prothioconazole	AS	32	33			0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8			0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8			0	0.000	4.900	7.600	15.000	
Sulphate	S	8	8			0	0.000	28.000	41.875	64.000	
Taste	S	24	24			0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	32	32			0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	32	32			0	0.000	< 0.770	< 0.778	< 0.790	
Tetrachloromethane	AS	32	32			0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	72	72			0	0.000	0.100	0.611	1.080	
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	1.925	2.800	
Total Trihalomethanes	S	8	8			1	12.500	29.000	70.125	130.000	
Total coliforms	S	72	72			0	0.000	0.000	0.000	0.000	
Triclopyr	AS	32	34			0	0.000	0.000	< 0.012	< 0.012	
Tritium	AS	2	2			0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	24	24			0	0.000	< 0.180	< 0.194	0.340	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 28355

This zone has a surface water source :R1303

PCV Exceedances:

Sample failed 16-SEP-2021 (ZN0302AE) 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 - ZN0303 - Dunore Point Ballymena

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	24	25	0	0	0.000	< 0.004	< 0.004	0.004	
2,4-DB	AS	24	25	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	52	1	1	1.923	6.400	32.946	630.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.012	0.017	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.185	0.220	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.310	< 0.310	
Asulam	AS	24	24	0	0	0.000	< 0.017	< 0.017	< 0.017	
Bentazone	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	24	24	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	8	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	8	0	0	0.000	< 0.990	< 0.990	< 0.990	
Bromoxynil	AS	24	25	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	21.000	22.875	26.000	
Chlorotoluron	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	24	25	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.434	0.660	
Clopyralid	AS	24	25	0	0	0.000	< 0.013	< 0.015	0.034	
Clostridium perfringens (sulph red)	AS	24	24	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	52	52	0	0	0.000	0.000	7.577	95.000	
Colony Counts 37 (48hrs)	S	52	52	0	0	0.000	0.000	0.115	2.000	
Colour	S	52	52	0	0	0.000	< 0.930	< 1.598	12.000	
Conductivity	S	52	52	0	0	0.000	160.000	353.654	380.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.043	< 0.043	
Cyanide	AS	24	25	0	0	0.000	< 5.500	< 5.500	< 5.500	
Dicamba	AS	24	25	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	24	25	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diffufenican	AS	24	25	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	24	25	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	24	25	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	132	132	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	24	24	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	24	25	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	24	25	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	24	25	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	132	132	0	0	0.000	0.130	0.495	0.980	
Glyphosate	AS	24	25	0	0	0.000	< 0.008	< 0.010	0.059	
Hydrogen Ion	S	52	52	0	0	0.000	7.060	7.507	7.900	
Iron	S	52	53	1	1	1.887	< 14.200	< 38.672	990.000	
Isoproturon	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 1.300	< 1.300	
Linuron	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	24	25	0	0	0.000	< 0.002	< 0.009	0.021	
MCPB	AS	24	25	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	52	0	0	0.000	< 0.830	< 1.471	18.000	
Mecoprop	AS	24	25	0	0	0.000	< 0.004	< 0.008	0.076	
Mercury	S	8	9	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	24	25	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	24	25	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	24	24	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	24	25	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	1.100	1.675	2.600	
Nitrate	S	8	8	0	0	0.000	1.800	3.100	4.800	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.036	< 0.062	< 0.096	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	52	0	0	0.000	0.000	0.000	0.000	
Oxamyl	AS	24	24	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZN0303 - Dunore Point Ballymena										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.021	0.076	0.076
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	26	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	14.000	16.125	18.000	18.000
Sulphate	S	8	8	0	0	0.000	65.000	70.625	76.000	76.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	132	132	0	0	0.000	0.290	0.640	1.050	1.050
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.500	2.688	3.000	3.000
Total Trihalomethanes	S	8	8	0	0	0.000	27.000	51.625	70.000	70.000
Total coliforms	S	132	132	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	26	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	< 0.180	< 0.213	0.950	0.950

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50052

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 01-MAR-2021 (ZN0303AE) Aluminium = 630 ug Al/.

Sample failed 01-MAR-2021 (ZN0303AE) Iron = 990 ug Fe/.

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	32	34	0	0	0.000	< 0.004	< 0.004	0.004	
2,4-DB	AS	32	34	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	52	0	0	0.000	9.600	22.723	87.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.012	0.022	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.200	0.290	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.335	0.510	
Asulam	AS	32	33	0	0	0.000	< 0.017	< 0.017	< 0.017	
Bentazone	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	32	32	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	9	0	0	0.000	< 0.990	< 1.002	1.100	
Bromoxynil	AS	32	34	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	21.000	22.250	25.000	
Chlorotoluron	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	32	34	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.678	2.800	
Clopyralid	AS	32	34	0	0	0.000	< 0.013	< 0.016	0.055	
Clostridium perfringens (sulph red)	AS	32	32	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	52	52	0	0	0.000	0.000	0.577	12.000	
Colony Counts 37 (48hrs)	S	52	52	0	0	0.000	0.000	0.058	2.000	
Colour	S	52	52	0	0	0.000	< 0.930	< 1.453	5.600	
Conductivity	S	52	52	0	0	0.000	300.000	347.692	380.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.047	0.071	
Cyanide	AS	32	34	0	0	0.000	< 5.500	< 5.500	< 5.500	
Dicamba	AS	32	34	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	32	34	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diffufenican	AS	32	34	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	32	34	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	32	34	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	168	168	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	32	32	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	32	34	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	32	34	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	32	34	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	168	168	0	0	0.000	0.050	0.504	0.950	
Glyphosate	AS	32	34	0	0	0.000	< 0.008	< 0.009	0.059	
Hydrogen Ion	S	52	52	0	0	0.000	6.980	7.461	7.880	
Iron	S	52	53	0	0	0.000	< 14.200	< 15.721	44.000	
Isoproturon	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 1.300	< 1.300	
Linuron	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	32	34	0	0	0.000	< 0.002	< 0.007	0.021	
MCPB	AS	32	34	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	53	0	0	0.000	< 0.830	< 0.995	< 2.000	
Mecoprop	AS	32	34	0	0	0.000	< 0.004	< 0.007	0.076	
Mercury	S	8	9	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	32	34	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	32	34	0	0	0.000	< 0.007	< 0.007	0.009	
Metazachlor	AS	32	34	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	32	32	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	32	34	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	1.300	3.663	12.000	
Nitrate	S	8	8	0	0	0.000	1.800	3.025	5.000	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.036	< 0.061	< 0.100	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	52	0	0	0.000	0.000	0.000	0.000	
Oxamyl	AS	32	32	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZN0401 - Dunore Point Antrim  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	32	34		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	34		0	0.000	0.000	0.017	0.076
Phorate	AS	32	34		0	0.000	< 0.009	< 0.012	< 0.012
Pirimicarb	AS	32	34		0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	32	34		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	32	34		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	35		0	0.000	0.000	< 0.007	< 0.007
Prothioconazole	AS	32	34		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	14.000	15.875	18.000
Sulphate	S	8	8		0	0.000	65.000	69.375	73.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32		0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	32	32		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	168	168		0	0.000	0.170	0.648	1.060
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	2.400	2.738	3.100
Total Trihalomethanes	S	8	8		0	0.000	30.000	46.125	66.000
Total coliforms	S	168	168		1	0.595	0.000	0.006	1.000
Triclopyr	AS	32	35		0	0.000	0.000	< 0.012	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.180	< 0.191	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70096

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 05-OCT-2021 (ZN0401AE) 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 - ZN0402 - Killylane Ballynure  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	32	32	0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	32	34	0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	32	34	0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	12.000	51.423	160.000
Ammonium	mg NH4/l	S	8	8	0	0.000	< 0.010	< 0.011	0.018
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8	0	0.000	< 0.310	< 0.345	0.590
Asulam	ug/l	AS	32	33	0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	32	34	0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	32	32	0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8	0	0.000	2.700	3.150	3.900
Bromoxynil	ug/l	AS	32	34	0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8	0	0.000	11.000	14.375	18.000
Chlorotoluron	ug/l	AS	32	34	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	32	34	0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.370	< 0.770	2.800
Clopyralid	ug/l	AS	32	34	0	0.000	< 0.013	< 0.016	0.055
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	1.750	49.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.096	2.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.930	< 1.379	4.300
Conductivity	uS/cm 20 C	S	52	52	0	0.000	160.000	215.192	380.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	32	34	0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	32	34	0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	32	34	0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	32	34	0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	32	34	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	32	34	0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	32	34	0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	32	34	0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	32	34	0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	132	132	0	0.000	0.050	0.467	0.990
Glyphosate	ug/l	AS	32	34	0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	pH value	S	52	52	0	0.000	7.060	7.556	8.760
Iron	ug Fe/l	S	52	54	1	1.852	< 14.200	< 70.626	870.000
Isoproturon	ug/l	AS	32	34	0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	32	34	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	32	34	0	0.000	< 0.002	< 0.007	0.021
MCPB	ug/l	AS	32	34	0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.830	< 3.102	12.000
Mecoprop	ug/l	AS	32	34	0	0.000	< 0.004	< 0.007	0.076
Mercury	ug/l Hg	S	8	9	0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	32	34	0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	32	34	0	0.000	< 0.007	< 0.007	0.009
Metazachlor	ug/l	AS	32	34	0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	32	32	0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	32	34	0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.740	1.853	4.300
Nitrate	mg/l	S	8	8	0	0.000	1.300	1.613	1.900
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.032	< 0.038
Nitrite	mg/l	S	8	8	0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	53	1	1.887	0.000	0.132	7.000
Oxamyl	ug/l	AS	32	32	0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	32	34	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	34	0	0	0.000	0.000	0.017	0.076	0.076
Phorate	AS	32	34	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	32	34	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	32	34	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	35	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	32	34	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.411	0.420	0.420
Sodium	S	8	8	0	0	0.000	7.600	10.113	14.000	14.000
Sulphate	S	8	8	0	0	0.000	42.000	48.000	55.000	55.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	132	132	0	0	0.000	0.100	0.575	0.990	0.990
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.700	2.150	3.000	3.000
Total Trihalomethanes	S	8	8	0	0	0.000	19.000	50.750	71.000	71.000
Total coliforms	S	132	132	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	32	35	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	< 0.180	< 0.270	2.000	2.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 49846

This zone has a surface water source :R1501

PCV Exceedances:

Sample failed 10-AUG-2021 (ZN0402AE) Iron = 870 ug Fe/.

Sample failed 10-AUG-2021 (ZN0402AE) Odour = 7 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 - ZN0501 - Moyola Magherafelt  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contraven- ing PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36			0	0.000	7.100	17.286	110.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.017
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.193	0.280
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.350	0.470
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	9			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	9			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	18.000	20.375	23.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.628	2.100
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	0.222	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36			0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.509	12.000
Conductivity	uS/cm 20 C	S	36	36			0	0.000	290.000	356.389	440.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.044	0.051
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	0.007
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108			0	0.000	0.080	0.638	1.120
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	7.040	7.300	7.780
Iron	ug Fe/l	S	36	37			0	0.000	< 14.200	< 19.535	62.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.020	0.035
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	37			0	0.000	< 0.830	< 1.304	8.300
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.006	0.009
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	1.000	1.238	1.400
Nitrate	mg/l	S	8	8			0	0.000	1.000	3.000	4.600
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.020	< 0.060	< 0.092
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0501 - Moyola Magherafelt										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	8		0	0.000	0.009	0.025	0.041	
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008	
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012	
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	9		0	0.000	0.000	< 0.006	< 0.007	
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	11.000	12.750	14.000	
Sulphate	S	8	8		0	0.000	66.000	80.250	97.000	
Taste	S	36	36		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.773	< 0.790	
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	108	108		0	0.000	0.140	0.808	1.330	
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	2.613	3.000	
Total Trihalomethanes	S	8	8		0	0.000	28.000	39.375	57.000	
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	8	9		0	0.000	0.000	< 0.011	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	36	36		0	0.000	< 0.180	< 0.193	0.360	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44528

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	9			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24			0	0.000	8.100	17.371	34.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.017
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.195	0.300
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.326	0.440
Asulam	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	7.900	9.538	13.000
Chlorotoluron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.599	1.900
Clopyralid	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 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	25			0	0.000	0.000	0.080	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	25			0	0.000	0.000	0.400	8.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.203	2.500
Conductivity	uS/cm 20 C	S	24	24			0	0.000	120.000	154.583	400.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.047	0.066
Cyanide	ug/l CN	AS	8	9			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 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	8			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	9			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	9			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	73			0	0.000	0.050	0.589	1.110
Glyphosate	ug/l	AS	8	9			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24			0	0.000	6.720	7.302	7.800
Iron	ug Fe/l	S	24	25			0	0.000	< 14.200	< 20.184	53.000
Isoproturon	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9			0	0.000	< 0.002	< 0.003	0.008
MCPB	ug/l	AS	8	9			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	< 0.830	< 1.726	11.000
Mecoprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	0.006
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	9			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9			0	0.000	< 0.006	< 0.008	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	< 0.260	< 2.244	10.000
Nitrate	mg/l	S	8	8			0	0.000	0.520	0.873	1.500
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.010	< 0.017	< 0.030
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	24	25			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0502 - Lough Fea Cookstown  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	8	9		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	9		0	0.000	0.000	0.003	0.025
Phorate	AS	8	9		0	0.000	< 0.009	< 0.012	< 0.012
Pirimicarb	AS	8	9		0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	8	9		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	9		0	0.000	< 0.007	< 0.008	0.011
Prothioconazole	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.425	0.530
Sodium	S	8	8		0	0.000	< 0.400	< 4.750	6.200
Sulphate	S	8	8		0	0.000	32.000	35.750	47.000
Taste	S	24	25		1	4.000	0.000	0.080	2.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	72	73		0	0.000	0.100	0.685	1.140
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	1.800	2.500
Total Trihalomethanes	S	8	8		0	0.000	34.000	54.375	74.000
Total coliforms	S	72	73		1	1.370	0.000	0.014	1.000
Triclopyr	AS	8	9		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24		0	0.000	< 0.180	< 0.184	0.240

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 25853

This zone has a surface water source :R1302

PCV Exceedances:

Sample failed 03-FEB-2021 (ZN0502AE) Taste = 2 Diln No.

Sample failed 08-NOV-2021 (ZN0502AE) 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 - ZN0504 - Moyola Unagh Mormeal

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	con	traven	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	16	16			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	16	17			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	16	17			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	25			0	0.000	8.500	15.592	25.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.017
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.196	0.300
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.398	0.570
Asulam	ug/l	AS	16	17			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	16	17			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	16	16			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	7			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	7			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	16	17			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	10.000	18.625	25.000
Chlorotoluron	ug/l	AS	16	17			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	16	17			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.629	1.600
Clopyralid	ug/l	AS	16	17			0	0.000	< 0.013	< 0.013	< 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	0.083	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24			0	0.000	0.000	0.042	1.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.233	2.500
Conductivity	uS/cm 20 C	S	24	24			0	0.000	140.000	278.333	410.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.106	0.540
Cyanide	ug/l CN	AS	16	17			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	16	17			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	16	17			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	16	17			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	16	17			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	16	17			0	0.000	< 0.006	< 0.006	< 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	16	16			0	0.000	< 0.005	< 0.005	0.007
Fenpropimorph	ug/l	AS	16	17			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	16	17			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	16	17			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	36	36			0	0.000	0.050	0.384	0.900
Glyphosate	ug/l	AS	16	17			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24			0	0.000	7.150	7.368	7.570
Iron	ug Fe/l	S	24	24			0	0.000	< 14.200	< 30.450	82.000
Isoproturon	ug/l	AS	16	17			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	16	17			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	16	17			0	0.000	< 0.002	< 0.011	0.035
MCPB	ug/l	AS	16	17			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	< 0.830	< 1.329	3.000
Mecoprop	ug/l	AS	16	17			0	0.000	< 0.004	< 0.005	0.009
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	16	17			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	16	17			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	16	17			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	16	16			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	16	17			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.910	4.205	15.000
Nitrate	mg/l	S	8	8			0	0.000	1.000	2.025	3.600
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.020	< 0.041	< 0.072
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	24	24			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	16	16			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	7			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0504 - Moyola Unagh Mormeal										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	16	17	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	16	17	0	0	0.000	0.000	0.013	0.041	0.041
Phorate	AS	16	17	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	16	17	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	16	17	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	16	17	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	16	18	0	0	0.000	0.000	0.007	0.011	0.011
Prothioconazole	AS	16	17	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	5.500	11.638	22.000	22.000
Sulphate	S	8	8	0	0	0.000	35.000	68.000	91.000	91.000
Taste	S	24	24	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	16	16	0	0	0.000	< 0.770	< 0.775	< 0.790	< 0.790
Tetrachloromethane	AS	16	16	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	36	36	0	0	0.000	0.080	0.520	1.070	1.070
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.500	2.213	2.800	2.800
Total Trihalomethanes	S	8	8	0	0	0.000	38.000	50.250	69.000	69.000
Total coliforms	S	36	36	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	16	18	0	0	0.000	0.000	< 0.011	< 0.012	< 0.012
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24	0	0	0.000	< 0.180	< 0.206	0.360	0.360

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 13850

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	0.005
2,4-DB	ug/l	AS	8	9			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	25			0	0.000	12.000	25.120	63.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.012	0.018
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	9			0	0.000	< 0.017	< 0.025	< 0.085
Bentazone	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	2.700	3.563	4.800
Bromoxynil	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	17.000	19.250	21.000
Chlorotoluron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.434	0.630
Clopyralid	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 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	4.500	60.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24			0	0.000	0.000	1.167	18.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.225	3.300
Conductivity	uS/cm 20 C	S	24	24			0	0.000	210.000	263.750	340.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	9			0	0.000	< 5.500	< 5.656	6.600
Dicamba	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.009	< 0.009	< 0.009
Dimethenamid	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	60	62			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	9			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	9			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	61			0	0.000	0.050	0.328	0.600
Glyphosate	ug/l	AS	8	9			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24			0	0.000	6.950	7.511	7.870
Iron	ug Fe/l	S	24	24			0	0.000	< 14.200	< 31.317	150.000
Isoproturon	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9			0	0.000	< 0.002	< 0.033	0.072
MCPB	ug/l	AS	8	9			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	1.100	3.213	23.000
Mecoprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.006	0.009
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	9			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9			0	0.000	< 0.006	< 0.008	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.560	0.860	1.200
Nitrate	mg/l	S	8	8			0	0.000	1.300	1.550	2.000
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.026	< 0.031	< 0.040
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Dep		Min.	Mean	Max.	
Pendimethalin	AS	8	8	0	0	0.000	< 0.008	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	9	0	0	0.000	0.006	0.040	0.082	
Phorate	AS	8	9	0	0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	8	9	0	0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	8	9	0	0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	9	0	0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8	0	0	0.000	12.000	13.875	19.000	
Sulphate	S	8	8	0	0	0.000	54.000	75.375	94.000	
Taste	S	24	24	0	0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8	0	0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	8	0	0	0.000	< 0.770	< 0.780	< 0.790	
Tetrachloromethane	AS	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	60	61	0	0	0.000	0.100	0.425	0.700	
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8	0	0	0.000	1.700	1.963	2.500	
Total Trihalomethanes	S	8	8	0	0	0.000	48.000	64.750	89.000	
Total coliforms	S	60	62	0	0	0.000	0.000	> 1.726	>100.000	
Triclopyr	AS	8	9	0	0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	24	25	0	0	0.000	< 0.180	< 0.208	0.410	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 21256

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 30-SEP-2021 (ZN0601NC) Total coliforms = >100 No./l.  
 Sample failed 06-JUL-2021 (ZN0601AE) Total coliforms = 4 No./100.  
 Sample failed 26-JUL-2021 (ZN0601AE) Total coliforms = 1 No./100.  
 Sample failed 22-NOV-2021 (ZN0601AE) 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 - ZN0603 - Carmoney Eglinton

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 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	Depl	ing PCV
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9	0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	9	0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	53	0	0.000	13.000	22.264	49.000
Ammonium	mg NH4/l	S	8	8	0	0.000	< 0.010	< 0.011	0.016
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8	0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	9	0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8	0	0.000	1.400	1.750	2.200
Bromoxynil	ug/l	AS	8	9	0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8	0	0.000	19.000	19.625	22.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	0.370	0.516	1.400
Clopyralid	ug/l	AS	8	9	0	0.000	< 0.013	< 0.013	< 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	57	0	0.000	0.000	10.439	109.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	58	0	0.000	0.000	0.448	8.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.930	< 1.425	5.100
Conductivity	uS/cm 20 C	S	52	52	0	0.000	210.000	267.115	360.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8	0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9	0	0.000	< 0.004	< 0.005	0.013
Diffenican	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	144	147	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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	144	151	0	0.000	< 0.050	< 0.375	0.900
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	52	52	0	0.000	6.900	7.729	8.100
Iron	ug Fe/l	S	52	53	0	0.000	< 14.200	< 27.657	150.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9	0	0.000	< 0.002	< 0.020	0.060
MCPB	ug/l	AS	8	9	0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	52	0	0.000	< 0.830	< 3.336	35.000
Mecoprop	ug/l	AS	8	9	0	0.000	< 0.004	< 0.007	0.012
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.460	0.591	0.700
Nitrate	mg/l	S	8	8	0	0.000	1.300	3.463	4.500
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.026	< 0.069	< 0.090
Nitrite	mg/l	S	8	8	0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	54	1	1.852	0.000	0.185	10.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- ven	% of samples contra- ven	Concentration or value (all samples)		
							Auth Dep	ing PCV	ing PCV
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.029	0.080
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	9		0	0.000	0.000	< 0.006	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	11.000	12.500	14.000
Sulphate	S	8	8		0	0.000	35.000	56.125	74.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.775	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	144	151		0	0.000	0.090	0.457	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	1.700	2.050	2.600
Total Trihalomethanes	S	8	8		0	0.000	35.000	63.500	100.000
Total coliforms	S	144	147		0	0.000	0.000	0.014	1.000
Triclopyr	AS	8	9		0	0.000	0.000	< 0.011	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.180	< 0.267	3.700

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 56176

This zone has a surface water source :R4301

PCV Exceedances:

Sample failed 08-FEB-2021 (ZN0603AE) Odour = 10 Diln No.  
 Sample failed 29-JUN-2021 (ZN0603AE) Total coliforms = 1 No./100.  
 Sample failed 14-SEP-2021 (ZN0603AE) 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 - ZN0604 - Caugh Hill Dungiven

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Dep	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24			0	0.000	4.500	24.475	160.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.185	0.220
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.321	0.400
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	4.200	4.750	5.600
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	14.000	17.125	19.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.538	1.600
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Clostridium perfringens (sulph red)	No./100 ml	AS	8	9			0	0.000	0.000	0.111	1.000
Colony Counts 22	No./1 ml	S	24	25			0	0.000	0.000	0.520	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	25			0	0.000	0.000	0.080	1.000
Colour	mg/l Pt/Co	S	24	25			0	0.000	< 0.930	< 1.364	5.100
Conductivity	uS/cm 20 C	S	24	24			0	0.000	180.000	240.417	290.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	48	49			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	48	51			0	0.000	0.080	0.532	0.770
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	25			0	0.000	6.770	7.346	8.290
Iron	ug Fe/l	S	24	25			1	4.000	< 14.200	< 52.928	540.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	1.300	3.438	26.000
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.310	0.553	1.300
Nitrate	mg/l	S	8	9			0	0.000	0.770	1.219	1.600
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.015	< 0.025	< 0.032
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.000	0.000	0.000	0.000
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.008	< 0.008
Propachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.012	< 0.012
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	ug/l Se	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	mg Na/l	S	8	8	0	0.000	9.800	11.100	14.000	14.000
Sulphate	mg SO4/l	S	8	8	0	0.000	66.000	81.750	100.000	100.000
Taste	Diln No	S	24	24	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.770	< 0.775	< 0.790	< 0.790
Tetrachloromethane	ug/l	AS	8	7	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	mg Cl/l	S	48	51	0	0.000	0.150	0.615	0.870	0.870
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.200	1.563	2.300	2.300
Total Trihalomethanes	ug/l	S	8	9	0	0.000	33.000	64.000	100.000	100.000
Total coliforms	No./100 ml	S	48	49	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	24	25	0	0.000	0.180	0.287	2.100	2.100

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 17862

This zone has a surface water source :R4306

PCV Exceedances:

Sample failed 21-JUL-2021 (W4306OUT) Clostridium perfringens (sulph red) = 1 No./100.  
Sample failed 01-FEB-2021 (ZN0604AE) 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 - ZN0607 - Corrody Derry

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	16	16	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	16	17	0	0	0.000	< 0.004	< 0.004	0.005	
2,4-DB	AS	16	17	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	53	0	0	0.000	9.600	21.521	46.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.012	0.020	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.180	< 0.180	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.310	< 0.310	
Asulam	AS	16	17	0	0	0.000	< 0.017	< 0.021	< 0.085	
Bentazone	AS	16	17	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	16	16	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	9	0	0	0.000	< 0.990	< 3.166	5.300	
Bromoxynil	AS	16	17	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	16.000	18.875	24.000	
Chlorotoluron	AS	16	17	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	16	17	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.436	0.690	
Clopyralid	AS	16	17	0	0	0.000	< 0.013	< 0.013	< 0.013	
Clostridium perfringens (sulph red)	AS	16	17	0	0	0.000	0.000	0.059	1.000	
Colony Counts 22	S	52	53	0	0	0.000	0.000	1.849	30.000	
Colony Counts 37 (48hrs)	S	52	54	0	0	0.000	0.000	0.574	18.000	
Colour	S	52	53	0	0	0.000	< 0.930	< 1.359	4.900	
Conductivity	S	52	52	0	0	0.000	200.000	260.962	320.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.043	< 0.043	
Cyanide	AS	16	17	0	0	0.000	< 5.500	< 5.582	6.600	
Dicamba	AS	16	17	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	16	17	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diflufenican	AS	16	16	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	16	17	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	16	17	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	156	161	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	16	16	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	16	17	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	16	17	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	16	17	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	156	165	0	0	0.000	0.060	0.385	0.980	
Glyphosate	AS	16	17	0	0	0.000	< 0.008	< 0.008	< 0.008	
Hydrogen Ion	S	52	53	0	0	0.000	7.090	7.579	8.040	
Iron	S	52	53	1	1	1.887	< 14.200	< 46.370	290.000	
Isoproturon	AS	16	17	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 1.513	3.000	
Linuron	AS	16	17	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	16	17	0	0	0.000	< 0.002	< 0.018	0.072	
MCPB	AS	16	17	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	52	0	0	0.000	< 0.830	< 3.253	13.000	
Mecoprop	AS	16	17	0	0	0.000	< 0.004	< 0.005	0.009	
Mercury	S	8	8	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	16	17	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	16	17	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	16	17	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	16	16	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	16	17	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	0.320	0.640	1.100	
Nitrate	S	8	8	0	0	0.000	1.100	2.063	4.300	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.022	< 0.041	< 0.086	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	52	0	0	0.000	0.000	0.000	0.000	
Oxamyl	AS	16	16	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZN0607 - Corrody Derry										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	16	16		0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	16	17		0	0.000	0.000	0.021	0.082	0.082
Phorate	AS	16	17		0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	16	17		0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	16	17		0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	16	17		0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	16	17		0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	16	17		0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	9.400	12.425	16.000	16.000
Sulphate	S	8	8		0	0.000	54.000	72.375	92.000	92.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	16	16		0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	16	16		0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	16	15		0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	156	165		0	0.000	0.100	0.471	1.090	1.090
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.300	2.000	2.800	2.800
Total Trihalomethanes	S	8	9		1	11.111	34.000	75.556	120.000	120.000
Total coliforms	S	156	161		0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	16	17		0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	< 0.180	< 0.212	0.840	0.840

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 61639

This zone has a surface water source :R1701

PCV Exceedances:

Sample failed 21-JUL-2021 (W4306OUT) Clostridium perfringens (sulph red) = 1 No./100.

Sample failed 16-NOV-2021 (ZN0607AE) Iron = 290 ug Fe/.

Sample failed 11-OCT-2021 (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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36			1	2.778	7.300	152.022	4300.00
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.028
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.195	0.300
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.345	0.590
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.026	< 0.085
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	2.700	3.463	4.700
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	14.000	17.250	21.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.671	2.300
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	37			0	0.000	0.000	> 12.838	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	37			0	0.000	0.000	0.892	24.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.308	2.800
Conductivity	uS/cm 20 C	S	36	36			0	0.000	180.000	219.167	290.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	0.046
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.863	8.400
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	114			0	0.000	0.050	0.496	1.140
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	6.760	7.570	7.980
Iron	ug Fe/l	S	36	36			1	2.778	< 14.200	<137.106	4200.00
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.450	2.400
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.061	0.110
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			1	2.778	< 0.830	< 10.722	350.000
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.005	0.009
Mercury	ug/l Hg	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.280	1.274	7.000
Nitrate	mg/l	S	8	8			0	0.000	2.600	3.800	6.900
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.052	< 0.076	< 0.140
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	36	37			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.											
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- ven	% of samples contra- ven	Concentration or value (all samples)				
							Auth Dep	ing PCV	ing PCV	Min.	Mean
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.000	0.064	0.110	0.110	0.110
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012	< 0.012
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Propachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	< 0.012
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	ug/l Se	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	mg Na/l	S	8	8	0	0.000	10.000	11.875	14.000	14.000	14.000
Sulphate	mg SO4/l	S	8	8	0	0.000	34.000	42.125	50.000	50.000	50.000
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000	0.000	0.000
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.770	< 0.775	< 0.790	< 0.790	< 0.790
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	mg Cl/l	S	108	114	0	0.000	0.150	0.614	1.290	1.290	1.290
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.900	2.725	4.200	4.200	4.200
Total Trihalomethanes	ug/l	S	8	9	1	11.111	45.000	75.000	110.000	110.000	110.000
Total coliforms	No./100 ml	S	108	108	0	0.000	0.000	0.037	3.000	3.000	3.000
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36	0	0.000	< 0.180	< 0.194	0.480	0.480	0.480

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 41681

This zone has a surface water source :R4501

PCV Exceedances:

Sample failed 10-AUG-2021 (ZN0701AE) Aluminium = 4300 ug Al.  
 Sample failed 10-AUG-2021 (ZN0701AE) Iron = 4200 ug Fe.  
 Sample failed 26-JUL-2021 (W4501OUT) MCPA = 0.11 ug/l.  
 Sample failed 10-AUG-2021 (ZN0701AE) Manganese = 350 ug Mn/.  
 Sample failed 18-AUG-2021 (ZN0701AE) Total Trihalomethanes = 110 ug/l.  
 Sample failed 16-JUL-2021 (ZN0701AE) Total coliforms = 3 No./100.  
 Sample failed 12-OCT-2021 (ZN0701AE) 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 - ZN0702 - Glenhordial Omagh  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	ug/l	AS	8	9	0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24	0	0.000	7.300	23.542	42.000
Ammonium	mg NH4/l	S	8	8	0	0.000	< 0.010	< 0.011	0.019
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8	0	0.000	< 0.310	< 0.373	0.590
Asulam	ug/l	AS	8	8	0	0.000	< 0.017	< 0.026	< 0.085
Bentazone	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	9	0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8	0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8	0	0.000	< 0.990	< 1.261	1.500
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8	0	0.000	8.900	10.863	12.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.370	< 0.483	1.100
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 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	27	0	0.000	0.000	0.667	13.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	27	0	0.000	0.000	0.111	1.000
Colour	mg/l Pt/Co	S	24	24	0	0.000	< 0.930	< 1.440	4.000
Conductivity	uS/cm 20 C	S	24	24	0	0.000	120.000	150.417	200.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8	0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	36	37	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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.018	< 0.019	0.023
Free - Residual disinfectant	mg Cl/l	S	36	39	0	0.000	< 0.050	< 0.440	1.040
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24	0	0.000	7.100	7.536	7.950
Iron	ug Fe/l	S	24	24	0	0.000	< 14.200	< 15.958	36.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 1.300	< 1.350	1.700
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.015	0.045
MCPB	ug/l	AS	8	8	0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	25	0	0.000	< 0.830	< 4.226	30.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8	0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	< 0.260	< 0.528	1.300
Nitrate	mg/l	S	8	8	0	0.000	1.000	1.425	1.800
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.020	< 0.029	< 0.036
Nitrite	mg/l	S	8	8	0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of		Concentration or value (all samples)		
				Auth	Dep	con	con	Min.	Mean	Max.
Pendimethalin	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8	0	0.000	0.000	0.017	0.068	0.068	0.068
Phorate	AS	8	8	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Propachlor	AS	8	8	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	< 0.012
Propiconazole	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0.000	5.600	7.788	9.500	9.500	9.500
Sulphate	S	8	8	0	0.000	31.000	36.500	42.000	42.000	42.000
Taste	S	24	24	0	0.000	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	9	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790	< 0.790
Tetrachloromethane	AS	8	9	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	36	39	0	0.000	0.110	0.542	1.120	1.120	1.120
Total Indicative Dose	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0.000	1.500	2.075	2.800	2.800	2.800
Total Trihalomethanes	S	8	8	0	0.000	37.000	51.625	66.000	66.000	66.000
Total coliforms	S	36	37	0	0.000	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24	0	0.000	< 0.180	< 0.260	2.000	2.000	2.000

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contraven ing PCV		Concentration or value (all samples)			
				Auth	Dep	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	25			0	0.000	4.100	11.312	24.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	1.800	6.538	10.000
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	17.000	20.750	24.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.461	1.100
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	6.042	127.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24			0	0.000	0.000	0.458	7.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.091	2.000
Conductivity	uS/cm 20 C	S	24	24			0	0.000	240.000	311.250	430.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.045	0.060
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	60	63			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	65			0	0.000	0.050	0.742	1.350
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	25			0	0.000	7.560	7.876	8.090
Iron	ug Fe/l	S	24	24			0	0.000	< 14.200	< 16.783	38.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	0.006
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	< 0.830	< 1.042	3.300
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.280	2.435	15.000
Nitrate	mg/l	S	8	8			0	0.000	0.730	1.105	1.400
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.015	< 0.022	< 0.028
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	24	26			2	7.692	0.000	0.538	10.000
Oxamyl	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.001	0.006
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.446	0.700
Sodium	S	8	8		0	0.000	50.000	61.750	81.000
Sulphate	S	8	8		0	0.000	52.000	62.375	77.000
Taste	S	24	24		1	4.167	0.000	0.083	2.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	60	65		0	0.000	0.120	0.846	1.500
Total Indicative Dose	AS	1	1		0	0.000	< 0.010	< 0.010	< 0.010
Total Organic Carbon	S	8	8		0	0.000	1.500	2.150	3.300
Total Trihalomethanes	S	8	9		0	0.000	35.000	71.667	120.000
Total coliforms	S	60	63		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	25		0	0.000	< 0.180	< 0.183	0.240

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 24285

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 09-AUG-2021 (ZN0704AE) Odour = 4 Diln No.

Sample failed 02-AUG-2021 (ZN0704CUST) Odour = 10 Diln No.

Sample failed 08-NOV-2021 (ZN0704AE) Taste = 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 - ZN0705 - Lough Macrory Beragh  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Dep	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	9			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24			0	0.000	< 2.800	< 8.183	16.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.016
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.190	0.260
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.348	0.610
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	9			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	2.900	3.713	4.900
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	13.000	13.750	15.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.804	2.400
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	25			0	0.000	0.000	0.200	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	25			0	0.000	0.000	0.080	2.000
Colour	mg/l Pt/Co	S	24	24			0	0.000	< 0.930	< 1.394	3.300
Conductivity	uS/cm 20 C	S	24	24			0	0.000	110.000	145.000	170.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	36	37			0	0.000	0.060	0.579	0.940
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24			0	0.000	7.080	7.583	8.310
Iron	ug Fe/l	S	24	25			0	0.000	< 14.200	< 14.504	19.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	0.004
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24			0	0.000	< 0.830	< 0.939	< 2.000
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.260	1.069	5.400
Nitrate	mg/l	S	8	8			0	0.000	0.940	1.905	2.900
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.019	< 0.038	< 0.058
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0705 - Lough Macrory Beragh										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
				Auth	Dep			Min.	Mean	Max.
Pendimethalin	AS	8	8			0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8			0	0.000	0.000	0.001	0.004
Phorate	AS	8	8			0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8			0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8			0	0.000	8.700	9.225	10.000
Sulphate	S	8	8			0	0.000	27.000	29.125	34.000
Taste	S	24	24			0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	9			0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	8	9			0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	36	37			0	0.000	0.150	0.709	1.590
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	1.513	1.800
Total Trihalomethanes	S	8	9			0	0.000	24.000	39.889	53.000
Total coliforms	S	36	38			0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1			0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24			0	0.000	< 0.180	< 0.182	0.200

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 11731

This zone has a surface water source :R4523

PCV Exceedances:

Water Quality was satisfactory

Notes:

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

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	AS	24	26			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	24			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	AS	24	24			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	24	24			0	0.000	6.300	18.783	140.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.014	0.027
Antimony	S	8	8			0	0.000	< 0.180	< 0.190	0.260
Arsenic	S	8	8			0	0.000	< 0.310	< 0.366	0.760
Asulam	AS	24	24			0	0.000	< 0.017	< 0.020	< 0.085
Bentazone	AS	24	24			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	26			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	2.600	3.600	5.200
Bromoxynil	AS	24	24			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	13.000	13.875	15.000
Chlorotoluron	AS	24	24			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	24			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.754	2.500
Clopyralid	AS	24	24			0	0.000	< 0.013	< 0.013	< 0.013
Clostridium perfringens (sulph red)	AS	24	24			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24			0	0.000	0.000	0.292	3.000
Colony Counts 37 (48hrs)	S	24	24			0	0.000	0.000	0.542	5.000
Colour	S	24	25			0	0.000	< 0.930	< 1.183	2.500
Conductivity	S	24	24			0	0.000	140.000	156.667	190.000
Copper	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	24	24			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	AS	24	24			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	24			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	AS	24	24			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	24			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	24			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	60	62			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	24			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	24			0	0.000	< 0.018	< 0.018	0.023
Free - Residual disinfectant	S	60	62			0	0.000	0.060	0.464	0.830
Glyphosate	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	24	25			0	0.000	7.130	7.716	8.010
Iron	S	24	24			1	4.167	< 14.200	< 31.958	370.000
Isoproturon	AS	24	24			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	AS	24	24			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	24			0	0.000	< 0.002	< 0.007	0.045
MCPB	AS	24	24			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	24	24			0	0.000	< 0.830	< 1.926	23.000
Mecoprop	AS	24	24			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	24			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	24			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	24			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	24			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	< 0.260	< 0.521	1.500
Nitrate	S	8	8			0	0.000	1.100	1.638	2.600
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.022	< 0.033	< 0.052
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	24	24			0	0.000	0.000	0.000	0.000
Oxamyl	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0706 - Lough Macrory Killyclogher  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	24	24		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	24		0	0.000	0.000	0.006	0.068
Phorate	AS	24	24		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	24	24		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	24	24		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	24	24		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.416	0.460
Sodium	S	8	8		0	0.000	8.300	9.813	12.000
Sulphate	S	8	8		0	0.000	28.000	32.000	43.000
Taste	S	24	24		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	26		0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	24	26		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	60	62		0	0.000	0.150	0.574	1.310
Total Indicative Dose	AS	3	3		0	0.000	< 0.010	< 0.070	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.400	1.663	2.200
Total Trihalomethanes	S	8	8		0	0.000	33.000	44.625	63.000
Total coliforms	S	60	62		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	24		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	25		0	0.000	< 0.180	< 0.204	0.480

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 23779

This zone has a surface water source :R4513

PCV Exceedances:

Sample failed 09-SEP-2021 (ZN0706AE) Iron = 370 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 - ZN0801 - Belleek Garrison

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 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 AS	8	9		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l S	12	12		0	0.000	8.600	11.617	15.000
Ammonium	mg NH4/l S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Antimony	ug/l Sb S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l AS	8	8		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l AS	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l S	8	8		0	0.000	1.300	1.550	2.000
Bromoxynil	ug/l AS	8	8		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l S	8	8		0	0.000	15.000	15.875	17.000
Chlorotoluron	ug/l AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l AS	8	8		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr S	8	8		0	0.000	< 0.370	< 0.401	0.550
Clopyralid	ug/l AS	8	8		0	0.000	< 0.013	< 0.013	< 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	12	14		0	0.000	0.000	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml S	12	14		0	0.000	0.000	0.071	1.000
Colour	mg/l Pt/Co S	12	12		0	0.000	1.200	1.775	3.300
Conductivity	uS/cm 20 C S	12	12		0	0.000	280.000	292.500	310.000
Copper	mg Cu/l S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN AS	8	8		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l AS	8	8		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l AS	8	8		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l AS	8	8		0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml S	24	27		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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l AS	8	8		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l AS	8	8		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l AS	8	8		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l S	24	28		0	0.000	0.120	0.738	1.190
Glyphosate	ug/l AS	8	8		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value S	12	12		0	0.000	7.440	7.695	8.090
Iron	ug Fe/l S	12	12		0	0.000	< 14.200	< 14.267	15.000
Isoproturon	ug/l AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l S	8	8		0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l AS	8	8		0	0.000	0.017	0.029	0.055
MCPB	ug/l AS	8	8		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l S	12	12		0	0.000	< 0.830	< 0.975	< 2.000
Mecoprop	ug/l AS	8	8		0	0.000	< 0.004	< 0.005	0.007
Mercury	ug/l Hg S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l AS	8	8		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l AS	8	8		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l AS	8	8		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l S	8	8		0	0.000	0.720	3.768	16.000
Nitrate	mg/l S	8	8		0	0.000	2.000	2.563	3.100
Nitrate/Nitrite Formula	S	8	8		0	0.000	< 0.040	< 0.051	< 0.062
Nitrite	mg/l S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0801 - Belleek Garrison										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	8		0	0.000	0.017	0.032	0.055	
Phorate	AS	8	8		0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	0.008	
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	25.000	26.250	27.000	
Sulphate	S	8	8		0	0.000	60.000	64.375	71.000	
Taste	S	12	12		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	9		0	0.000	< 0.770	< 0.774	< 0.790	
Tetrachloromethane	AS	8	9		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	24	28		0	0.000	0.230	0.841	1.300	
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	2.375	2.700	
Total Trihalomethanes	S	8	8		0	0.000	32.000	48.250	63.000	
Total coliforms	S	24	27		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	12	12		0	0.000	< 0.180	< 0.180	< 0.180	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 5022

This zone has a surface water source :R4722

PCV Exceedances:

Water Quality was satisfactory

Notes:

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

WATER SUPPLY ZONE - ZN0803 - Killyhevlin West

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	con	con	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36			0	0.000	5.000	18.289	40.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.012	0.017
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.369	0.520
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.028	< 0.085
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 2.261	7.200
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	9			0	0.000	14.000	16.778	20.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.689	2.500
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	39			0	0.000	0.000	0.590	5.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	39			0	0.000	0.000	0.308	7.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.191	4.000
Conductivity	uS/cm 20 C	S	36	36			0	0.000	280.000	408.056	460.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	96	97			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	9			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	96	102			0	0.000	0.050	0.705	1.410
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	7.210	7.758	8.110
Iron	ug Fe/l	S	36	36			0	0.000	< 14.200	< 14.972	22.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.688	4.400
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.025	0.046
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			0	0.000	< 0.830	< 1.855	9.900
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	0.009
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.620	0.926	1.200
Nitrate	mg/l	S	8	10			0	0.000	1.500	2.840	5.000
Nitrate/Nitrite Formula		S	8	10			0	0.000	< 0.030	< 0.057	< 0.100
Nitrite	mg/l	S	8	10			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0803 - Killyhevlin West											
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.											
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)				
							Auth Dep	Min.	Mean	Max.	
Pendimethalin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	
Pesticides - Total Substances	ug/l	AS	8	8	0	0.000	0.000	0.026	0.046	0.046	
Phorate	ug/l	AS	8	8	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012	
Pirimicarb	ug/l	AS	8	8	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	
Propachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	
Propiconazole	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	
Propyzamide	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	
Prothioconazole	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	
Selenium	ug/l Se	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Sodium	mg Na/l	S	8	8	0	0.000	14.000	30.250	58.000	58.000	
Sulphate	mg SO4/l	S	8	9	0	0.000	94.000	111.444	130.000	130.000	
Taste	Diln No	S	36	36	0	0.000	0.000	0.000	0.000	0.000	
Tebuconazole	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8	0	0.000	< 0.770	< 0.775	< 0.790	< 0.790	
Tetrachloromethane	ug/l	AS	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	mg Cl/l	S	96	103	0	0.000	0.100	0.829	1.530	1.530	
Total Indicative Dose	mSv/year	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	mg C/l	S	8	8	0	0.000	1.700	2.613	3.700	3.700	
Total Trihalomethanes	ug/l	S	8	8	0	0.000	39.000	56.500	85.000	85.000	
Total coliforms	No./100 ml	S	96	97	0	0.000	0.000	0.000	0.000	0.000	
Triclopyr	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012	
Tritium	Bq/l	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	
Turbidity	NTU	S	36	36	0	0.000	< 0.180	< 0.184	0.240	0.240	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39231

This zone has a surface water source :R4701

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZN0804 - Killyhevlin East

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	37			0	0.000	5.100	19.511	44.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.015
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.379	0.560
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.028	< 0.085
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	9			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	9			0	0.000	< 0.990	< 1.362	2.000
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	16.000	17.250	19.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.461	0.920
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	37			0	0.000	0.000	1.676	43.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	37			0	0.000	0.000	0.757	22.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.106	2.300
Conductivity	uS/cm 20 C	S	36	36			0	0.000	300.000	412.500	460.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	111			0	0.000	< 0.050	< 0.694	1.320
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	7.150	7.755	8.080
Iron	ug Fe/l	S	36	36			0	0.000	< 14.200	< 15.228	30.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.025	0.046
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			0	0.000	< 0.830	< 1.943	9.300
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	0.009
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.540	1.079	1.700
Nitrate	mg/l	S	8	8			0	0.000	1.100	2.713	4.500
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.022	< 0.054	< 0.090
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZN0804 - Killyhevlin East										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.026	0.046	
Phorate	AS	8	8		0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	14.000	25.625	36.000	
Sulphate	S	8	8		0	0.000	59.000	108.625	130.000	
Taste	S	36	36		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.775	< 0.790	
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	108	111		0	0.000	0.140	0.816	1.620	
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	2.663	3.600	
Total Trihalomethanes	S	8	8		0	0.000	36.000	57.500	86.000	
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	36	36		0	0.000	< 0.180	< 0.203	0.710	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40353

This zone has a surface water source :R4701

PCV Exceedances:

Water Quality was satisfactory

Notes:

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

WATER SUPPLY ZONE - ZN1101 - Clay Lake Keady

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	0.006
2,4-DB	ug/l	AS	8	9			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	12	12			0	0.000	6.600	19.767	73.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.010	0.012
Antimony	ug/l Sb	S	8	8			0	0.000	0.220	0.248	0.300
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.345	0.440
Asulam	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 1.386	1.800
Bromoxynil	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	20.000	21.750	23.000
Chlorotoluron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.619	1.500
Clopyralid	ug/l	AS	8	9			0	0.000	< 0.013	< 0.013	< 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	12	12			0	0.000	0.000	0.167	2.000
Colony Counts 37 (48hrs)	No./1 ml	S	12	12			0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	12	12			0	0.000	< 0.930	< 1.588	3.100
Conductivity	uS/cm 20 C	S	12	12			0	0.000	240.000	261.667	300.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.046	0.062
Cyanide	ug/l CN	AS	8	9			0	0.000	< 5.500	< 6.111	11.000
Dicamba	ug/l	AS	8	9			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9			0	0.000	< 0.006	< 0.006	< 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	9			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	9			0	0.000	< 0.018	< 0.019	0.023
Free - Residual disinfectant	mg Cl/l	S	24	24			0	0.000	0.150	0.870	1.530
Glyphosate	ug/l	AS	8	9			0	0.000	< 0.008	< 0.011	< 0.039
Hydrogen Ion	pH value	S	12	12			0	0.000	7.240	7.429	7.830
Iron	ug Fe/l	S	12	12			0	0.000	< 14.200	< 14.517	18.000
Isoproturon	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.900	3.700
Linuron	ug/l	AS	8	9			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9			0	0.000	< 0.002	< 0.044	0.110
MCPB	ug/l	AS	8	9			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	12	12			0	0.000	< 0.830	< 3.176	8.800
Mecoprop	ug/l	AS	8	9			0	0.000	< 0.004	< 0.018	0.047
Mercury	ug/l Hg	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	9			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	9			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	7			0	0.000	1.400	4.486	12.000
Nitrate	mg/l	S	8	8			0	0.000	0.940	2.680	3.800
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.019	< 0.054	< 0.076
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	12	12			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	9			0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	9	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	9	0	0	0.000	0.005	0.066	0.153	0.153
Phorate	AS	8	9	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	8	9	0	0	0.000	< 0.006	< 0.007	< 0.008	< 0.008
Propachlor	AS	8	9	0	0	0.000	< 0.010	< 0.011	< 0.012	< 0.012
Propiconazole	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	9	0	0	0.000	< 0.007	< 0.007	0.008	0.008
Prothioconazole	AS	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	12.000	13.375	14.000	14.000
Sulphate	S	8	8	0	0	0.000	42.000	52.625	61.000	61.000
Taste	S	12	12	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	9	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8	0	0	0.000	< 0.770	< 0.773	< 0.790	< 0.790
Tetrachloromethane	AS	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	24	24	0	0	0.000	0.280	1.080	1.740	1.740
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.700	2.725	3.300	3.300
Total Trihalomethanes	S	8	8	0	0	0.000	15.000	40.375	57.000	57.000
Total coliforms	S	24	24	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	8	9	0	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	12	12	0	0	0.000	0.180	0.181	0.190	0.190

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:

Sample failed 01-JUN-2021 (W2509OUT) MCPA = 0.11 ug/l.

Notes:

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



WATER SUPPLY ZONE - ZN1102 - Seagahan Armagh

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	8	9	0	0	0.000	< 0.004	< 0.004	0.010	
2,4-DB	AS	8	9	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	36	36	0	0	0.000	< 2.800	< 12.417	55.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.010	< 0.010	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.223	0.350	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.441	0.790	
Asulam	AS	8	9	0	0	0.000	< 0.017	< 0.026	< 0.085	
Bentazone	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	8	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	8	0	0	0.000	< 0.990	< 0.990	< 0.990	
Bromoxynil	AS	8	9	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	17.000	19.625	21.000	
Chlorotoluron	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	8	9	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.953	2.900	
Clopyralid	AS	8	9	0	0	0.000	< 0.013	< 0.021	0.083	
Clostridium perfringens (sulph red)	AS	8	8	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	36	36	0	0	0.000	0.000	3.972	124.000	
Colony Counts 37 (48hrs)	S	36	36	0	0	0.000	0.000	0.028	1.000	
Colour	S	36	36	0	0	0.000	< 0.930	< 1.376	3.000	
Conductivity	S	36	36	0	0	0.000	290.000	361.111	640.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.087	0.240	
Cyanide	AS	8	9	0	0	0.000	< 5.500	< 5.711	7.000	
Dicamba	AS	8	9	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	8	9	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diflufenican	AS	8	9	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	8	9	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	8	9	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	96	96	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	8	8	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	8	9	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	8	9	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	8	9	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	96	96	0	0	0.000	0.070	0.780	1.360	
Glyphosate	AS	8	9	0	0	0.000	< 0.008	< 0.008	< 0.008	
Hydrogen Ion	S	36	36	0	0	0.000	7.210	7.467	7.850	
Iron	S	36	36	1	1	2.778	< 14.200	<194.206	6400.00	
Isoproturon	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 2.050	7.200	
Linuron	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	8	9	0	0	0.000	< 0.002	< 0.028	0.063	
MCPB	AS	8	9	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	36	36	0	0	0.000	< 0.830	< 1.486	7.000	
Mecoprop	AS	8	9	0	0	0.000	0.008	0.013	0.018	
Mercury	S	8	9	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	8	9	0	0	0.000	< 0.010	< 0.011	< 0.012	
Metamitron	AS	8	9	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	8	9	0	0	0.000	< 0.011	< 0.011	< 0.015	
Metoxuron	AS	8	8	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	8	9	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	1.900	6.113	18.000	
Nitrate	S	8	8	0	0	0.000	3.000	4.350	5.700	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.060	< 0.086	< 0.110	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	36	37	3	3	8.108	0.000	0.622	10.000	
Oxamyl	AS	8	8	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZN1102 - Seaghan Armagh										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 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	Depl			Min.	Mean	Max.
Pendimethalin	ug/l	AS	8	9		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	ug/l	AS	8	9		0	0.000	0.009	0.053	0.167
Phorate	ug/l	AS	8	9		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	ug/l	AS	8	9		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	ug/l	AS	8	9		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	ug/l	AS	8	9		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	ug/l	AS	8	9		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	ug/l Se	S	8	8		0	0.000	< 0.410	< 0.411	0.420
Sodium	mg Na/l	S	8	8		0	0.000	29.000	40.000	54.000
Sulphate	mg SO4/l	S	8	8		0	0.000	59.000	68.000	74.000
Taste	Diln No	S	36	36		1	2.778	0.000	0.194	7.000
Tebuconazole	ug/l	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	ug/l	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	ug/l	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.210	0.930	1.560
Total Indicative Dose	mSv/year	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	mg C/l	S	8	8		0	0.000	2.600	3.088	3.500
Total Trihalomethanes	ug/l	S	8	8		0	0.000	37.000	58.375	81.000
Total coliforms	No./100 ml	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	ug/l	AS	8	9		0	0.000	< 0.012	< 0.013	0.020
Tritium	Bq/l	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	NTU	S	36	36		0	0.000	< 0.180	< 0.271	2.500

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 11-FEB-2021 (ZN1102AE) Iron = 6400 ug Fe.  
 Sample failed 11-FEB-2021 (ZN1102AE) Odour = 10 Diln No.  
 Sample failed 09-MAR-2021 (ZN1102AE) Odour = 3 Diln No.  
 Sample failed 16-SEP-2021 (ZN1102AE) Odour = 10 Diln No.  
 Sample failed 16-SEP-2021 (ZN1102AE) Taste = 7 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 - ZS0101 - Dunore Ballygomartin North  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36		0	0.000	9.200	18.517	53.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.013	0.023
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	24	24		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	7		0	0.000	22.000	22.714	25.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.388	0.510
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.015	0.034
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	2.389	74.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.222	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	< 0.930	< 1.159	2.200
Conductivity	uS/cm 20 C	S	36	36		0	0.000	340.000	355.556	380.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.046	0.064
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	120	120		0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	7		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	120		0	0.000	0.090	0.387	0.740
Glyphosate	ug/l	AS	24	25		0	0.000	< 0.008	< 0.010	0.059
Hydrogen Ion	pH value	S	36	36		0	0.000	7.080	7.494	8.000
Iron	ug Fe/l	S	36	37		0	0.000	< 14.200	< 18.324	86.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	1.300	2.163	6.800
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.009	0.021
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.830	< 1.200	3.700
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.008	0.076
Mercury	ug/l Hg	S	8	9		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		1	12.500	0.610	28.551	220.000
Nitrate	mg/l	S	8	7		0	0.000	1.300	3.029	5.000
Nitrate/Nitrite Formula		S	8	7		0	0.000	< 0.032	< 0.062	< 0.100
Nitrite	mg/l	S	8	7		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0101 - Dunore Ballygomartin North										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	24	25		0	0.000	0.000	0.021	0.076	
Phorate	AS	24	25		0	0.000	< 0.009	< 0.012	< 0.012	
Pirimicarb	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	24	26		0	0.000	0.000	< 0.007	< 0.007	
Prothioconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	14.000	16.125	17.000	
Sulphate	S	8	7		0	0.000	67.000	70.429	76.000	
Taste	S	36	36		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.770	< 0.778	< 0.790	
Tetrachloromethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	120	120		0	0.000	0.220	0.593	0.990	
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8		0	0.000	2.100	2.688	3.000	
Total Trihalomethanes	S	8	8		0	0.000	29.000	45.000	68.000	
Total coliforms	S	120	120		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	24	26		0	0.000	0.000	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	36	36		0	0.000	< 0.180	< 0.189	0.300	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46532

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 24-JUN-2021 (ZS0101AE) Nickel = 220 ug Ni/.

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	52		0	0.000	9.400	18.744	61.000
Ammonium	S	8	8		0	0.000	< 0.010	< 0.013	0.025
Antimony	S	8	8		0	0.000	< 0.180	< 0.188	0.200
Arsenic	S	8	8		0	0.000	< 0.310	< 0.320	0.390
Asulam	AS	24	24		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8		0	0.000	21.000	22.375	24.000
Chlorotoluron	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8		0	0.000	< 0.370	< 0.510	1.100
Clopyralid	AS	24	25		0	0.000	< 0.013	< 0.015	0.034
Clostridium perfringens (sulph red)	AS	24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52		0	0.000	0.000	0.904	32.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	0.269	7.000
Colour	S	52	52		0	0.000	< 0.930	< 1.185	2.400
Conductivity	S	52	52		0	0.000	330.000	356.731	380.000
Copper	S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diffenican	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	132	132		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	132	132		0	0.000	0.070	0.342	0.680
Glyphosate	AS	24	25		0	0.000	< 0.008	< 0.010	0.059
Hydrogen Ion	S	52	53		0	0.000	7.020	7.475	7.770
Iron	S	52	53		0	0.000	< 14.200	< 17.306	40.000
Isoproturon	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8		0	0.000	< 1.300	< 1.338	1.600
Linuron	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25		0	0.000	< 0.002	< 0.009	0.021
MCPB	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	52		0	0.000	< 0.830	< 1.127	3.000
Mecoprop	AS	24	25		0	0.000	< 0.004	< 0.008	0.076
Mercury	S	8	9		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8		0	0.000	1.000	1.200	1.400
Nitrate	S	8	8		0	0.000	1.900	3.150	4.700
Nitrate/Nitrite Formula	S	8	8		0	0.000	< 0.038	< 0.063	< 0.094
Nitrite	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	52		0	0.000	0.000	0.000	0.000
Oxamyl	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0102 - Dunore Ballygomartin South  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	contra	contra	Min.	Mean	Max.
Pendimethalin	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.021	0.076	0.076
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	26	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	15.000	16.500	18.000	18.000
Sulphate	S	8	8	0	0	0.000	66.000	70.375	75.000	75.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	132	132	0	0	0.000	0.180	0.542	0.900	0.900
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.400	2.663	3.000	3.000
Total Trihalomethanes	S	8	8	0	0	0.000	42.000	48.500	57.000	57.000
Total coliforms	S	132	132	0	0	0.000	0.000	> 0.758	>100.000	>100.000
Triclopyr	AS	24	26	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53	0	0	0.000	< 0.180	< 0.195	0.300	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50337

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 13-DEC-2021 (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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	72	72			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	72	75			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	72	75			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	53			0	0.000	12.000	71.000	180.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.018
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.220	0.320
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.426	0.690
Asulam	ug/l	AS	72	73			0	0.000	< 0.017	< 0.017	< 0.034
Bentazone	ug/l	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	72	72			0	0.000	< 0.150	< 0.151	0.190
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 0.993	1.000
Bromoxynil	ug/l	AS	72	75			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	8.400	9.475	10.000
Chlorotoluron	ug/l	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	72	75			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 1.036	2.800
Clopyralid	ug/l	AS	72	75			0	0.000	< 0.013	< 0.015	0.048
Clostridium perfringens (sulph red)	No./100 ml	AS	72	72			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	0.096	2.000
Colour	mg/l Pt/Co	S	52	52			0	0.000	< 0.930	< 1.337	3.500
Conductivity	uS/cm 20 C	S	52	52			0	0.000	78.000	120.846	220.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.044	0.053
Cyanide	ug/l CN	AS	72	75			0	0.000	< 5.500	< 5.592	8.400
Dicamba	ug/l	AS	72	75			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	72	75			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	72	74			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	72	75			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	72	75			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	72	75			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	72	75			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.151	0.160
Fluroxypyr	ug/l	AS	72	75			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156			0	0.000	0.050	0.338	0.740
Glyphosate	ug/l	AS	72	73			0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	pH value	S	52	52			0	0.000	7.010	7.544	8.080
Iron	ug Fe/l	S	52	53			0	0.000	< 14.200	< 15.245	29.000
Isoproturon	ug/l	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	1.300	1.363	1.800
Linuron	ug/l	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	72	75			0	0.000	< 0.002	< 0.006	0.021
MCPB	ug/l	AS	72	75			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	52			0	0.000	< 0.830	< 2.391	8.400
Mecoprop	ug/l	AS	72	75			0	0.000	< 0.004	< 0.006	0.076
Mercury	ug/l Hg	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	72	75			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	72	75			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	72	75			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	72	72			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	72	75			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			1	12.500	< 0.260	< 21.448	140.000
Nitrate	mg/l	S	8	8			0	0.000	1.600	1.863	2.200
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.032	< 0.037	< 0.044
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0103 - Belfast Ballyhanwood										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	72	73		0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	72	75		0	0.000	0.000	0.012	0.076	0.076
Phorate	AS	72	75		0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	72	75		0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	72	75		0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	72	75		0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	72	75		0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	72	75		0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.420	0.450	0.450
Sodium	S	8	8		0	0.000	5.200	6.650	7.900	7.900
Sulphate	S	8	8		0	0.000	16.000	19.000	24.000	24.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72		0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	72	72		0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	72	72		0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	156	156		0	0.000	0.060	0.434	0.850	0.850
Total Indicative Dose	AS	3	3		0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.100	1.300	1.900	1.900
Total Trihalomethanes	S	8	8		0	0.000	35.000	40.625	47.000	47.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	72	77		0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	3	3		0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	0.180	0.202	0.410	0.410

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 09-AUG-2021 (ZS0103AE) Nickel = 140 ug Ni/.

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contraven ing PCV		Concentration or value (all samples)		
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	AS	72	72			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	72	75			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	72	75			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	36	37			0	0.000	11.000	39.865	140.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.011	0.020
Antimony	S	8	8			0	0.000	< 0.180	< 0.204	0.370
Arsenic	S	8	8			0	0.000	< 0.310	< 0.364	0.720
Asulam	AS	72	73			0	0.000	< 0.017	< 0.017	< 0.034
Bentazone	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	72	72			0	0.000	< 0.150	< 0.151	0.190
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	72	75			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	19.000	20.875	23.000
Chlorotoluron	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	72	75			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.684	2.700
Clopyralid	AS	72	75			0	0.000	< 0.013	< 0.015	0.048
Clostridium perfringens (sulph red)	AS	72	72			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36			0	0.000	0.000	6.556	45.000
Colony Counts 37 (48hrs)	S	36	36			0	0.000	0.000	3.611	72.000
Colour	S	36	36			0	0.000	< 0.930	< 1.298	3.200
Conductivity	S	36	36			0	0.000	0.000	295.833	360.000
Copper	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	72	75			0	0.000	< 5.500	< 5.592	8.400
Dicamba	AS	72	75			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	72	75			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	72	74			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	72	75			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	72	75			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	108	108			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	72	75			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	72	75			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	72	75			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	108	108			0	0.000	0.080	0.372	0.840
Glyphosate	AS	72	73			0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	S	36	37			0	0.000	0.000	7.261	8.020
Iron	S	36	37			0	0.000	< 14.200	< 25.616	110.000
Isoproturon	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 2.825	7.600
Linuron	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	72	75			0	0.000	< 0.002	< 0.006	0.021
MCPB	AS	72	75			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	36	37			0	0.000	< 0.830	< 2.677	12.000
Mecoprop	AS	72	75			0	0.000	< 0.004	< 0.006	0.076
Mercury	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	72	75			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	72	75			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	72	75			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	72	72			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	72	75			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	0.770	1.494	4.400
Nitrate	S	8	8			0	0.000	2.000	3.000	4.600
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.040	< 0.060	< 0.092
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	36	36			0	0.000	0.000	0.000	0.000
Oxamyl	AS	72	72			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0104 - Belfast Breda North  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Dep	con	con	Min.	Mean	Max.
Pendimethalin	AS	72	73			0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	72	75			0	0.000	0.000	0.012	0.076
Phorate	AS	72	75			0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	72	75			0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	72	75			0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	72	75			0	0.000	0.000	< 0.007	< 0.007
Prothioconazole	AS	72	75			0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8			0	0.000	< 0.410	< 0.421	0.500
Sodium	S	8	8			0	0.000	13.000	15.000	16.000
Sulphate	S	8	8			0	0.000	54.000	65.750	73.000
Taste	S	36	36			0	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72			0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	72	72			0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	72	72			0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	108	108			0	0.000	0.180	0.546	1.020
Total Indicative Dose	AS	3	3			0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8			0	0.000	2.300	2.538	3.000
Total Trihalomethanes	S	8	8			0	0.000	34.000	50.625	73.000
Total coliforms	S	108	108			0	0.000	0.000	0.000	0.000
Triclopyr	AS	72	77			0	0.000	0.000	< 0.012	< 0.012
Tritium	AS	3	3			0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36			0	0.000	< 0.180	< 0.215	0.510

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 44168

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 - ZS0105 - Belfast Breda South  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contraven- ing PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	AS	72	72			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	72	75			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	72	75			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	52			1	1.923	11.000	43.519	610.000
Ammonium	S	8	9			0	0.000	< 0.010	< 0.011	0.017
Antimony	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	S	8	8			0	0.000	< 0.310	< 0.320	0.390
Asulam	AS	72	73			0	0.000	< 0.017	< 0.017	< 0.034
Bentazone	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	72	72			0	0.000	< 0.150	< 0.151	0.190
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	72	75			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	18.000	21.125	24.000
Chlorotoluron	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	72	75			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.661	2.100
Clopyralid	AS	72	75			0	0.000	< 0.013	< 0.015	0.048
Clostridium perfringens (sulph red)	AS	72	72			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52			0	0.000	0.000	3.135	28.000
Colony Counts 37 (48hrs)	S	52	52			0	0.000	0.000	0.269	10.000
Colour	S	52	52			0	0.000	< 0.930	< 1.440	9.500
Conductivity	S	52	52			0	0.000	190.000	308.077	380.000
Copper	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	72	75			0	0.000	< 5.500	< 5.592	8.400
Dicamba	AS	72	75			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	72	75			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	72	74			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	72	75			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	72	75			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	144	144			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	72	75			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	72	75			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	72	75			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	144	144			0	0.000	0.060	0.412	0.840
Glyphosate	AS	72	73			0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	S	52	52			0	0.000	7.110	7.467	7.870
Iron	S	52	52			0	0.000	< 14.200	< 15.585	41.000
Isoproturon	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 2.188	4.900
Linuron	AS	72	75			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	72	75			0	0.000	< 0.002	< 0.006	0.021
MCPB	AS	72	75			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	53			0	0.000	< 0.830	< 1.446	7.800
Mecoprop	AS	72	75			0	0.000	< 0.004	< 0.006	0.076
Mercury	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	72	75			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	72	75			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	72	75			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	72	72			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	72	75			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	0.920	1.228	1.700
Nitrate	S	8	8			0	0.000	1.800	2.863	4.700
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.036	< 0.057	< 0.094
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	52			0	0.000	0.000	0.000	0.000
Oxamyl	AS	72	72			0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	72	73	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	72	75	0	0	0.000	0.000	0.012	0.076	0.076
Phorate	AS	72	75	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	72	75	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	72	75	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	72	75	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	72	75	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	72	75	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	9	0	0	0.000	11.000	14.889	17.000	17.000
Sulphate	S	8	8	0	0	0.000	57.000	64.750	72.000	72.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	72	72	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	72	72	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	144	144	0	0	0.000	0.170	0.588	1.070	1.070
Total Indicative Dose	AS	3	3	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.300	2.563	3.000	3.000
Total Trihalomethanes	S	8	8	0	0	0.000	34.000	46.125	64.000	64.000
Total coliforms	S	144	144	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	72	77	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	3	3	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53	0	0	0.000	< 0.180	< 0.196	0.490	0.490

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 59424

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 19-JUL-2021 (ZS0105AE) Aluminium = 610 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 - ZS0106 - Dunore Belfast North

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	32	33	0	0	0.000	< 0.004	< 0.004	0.004	
2,4-DB	AS	32	33	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	52	0	0	0.000	8.500	20.029	66.000	
Ammonium	S	8	9	0	0	0.000	< 0.010	< 0.012	0.018	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.180	< 0.180	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.310	< 0.310	
Asulam	AS	32	32	0	0	0.000	< 0.017	< 0.017	< 0.017	
Bentazone	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	32	32	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	9	0	0	0.000	< 0.990	< 0.990	< 0.990	
Bromoxynil	AS	32	33	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	21.000	23.125	28.000	
Chlorotoluron	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	32	33	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.434	0.770	
Clopyralid	AS	32	33	0	0	0.000	< 0.013	< 0.015	0.034	
Clostridium perfringens (sulph red)	AS	32	32	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	52	52	0	0	0.000	0.000	0.731	22.000	
Colony Counts 37 (48hrs)	S	52	52	0	0	0.000	0.000	0.115	5.000	
Colour	S	52	51	0	0	0.000	< 0.930	< 1.313	3.900	
Conductivity	S	52	52	0	0	0.000	330.000	354.808	390.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.043	< 0.043	
Cyanide	AS	32	33	0	0	0.000	< 5.500	< 5.500	< 5.500	
Dicamba	AS	32	33	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	32	33	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diffufenican	AS	32	33	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	32	33	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	32	33	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	132	132	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	32	32	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	32	33	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	32	33	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	32	33	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	132	132	0	0	0.000	0.080	0.477	0.870	
Glyphosate	AS	32	33	0	0	0.000	< 0.008	< 0.009	0.059	
Hydrogen Ion	S	52	52	0	0	0.000	7.030	7.487	7.860	
Iron	S	52	54	0	0	0.000	< 14.200	< 16.348	77.000	
Isoproturon	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 1.325	1.500	
Linuron	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	32	33	0	0	0.000	< 0.002	< 0.008	0.021	
MCPB	AS	32	33	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	52	0	0	0.000	< 0.830	< 1.530	13.000	
Mecoprop	AS	32	33	0	0	0.000	< 0.004	< 0.007	0.076	
Mercury	S	8	9	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	32	33	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	32	33	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	32	33	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	32	32	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	32	33	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	0.920	1.990	4.600	
Nitrate	S	8	8	0	0	0.000	2.000	3.375	5.200	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.040	< 0.067	< 0.100	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	52	0	0	0.000	0.000	0.000	0.000	
Oxamyl	AS	32	32	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZS0106 - Dunore Belfast North										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of		Concentration or value (all samples)		
				Auth	Dep	con	con	Min.	Mean	Max.
Pendimethalin	AS	32	33	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	33	0	0	0.000	0.000	0.016	0.076	0.076
Phorate	AS	32	33	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	32	33	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	32	33	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	34	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	32	33	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	15.000	15.875	17.000	17.000
Sulphate	S	8	8	0	0	0.000	67.000	72.000	78.000	78.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32	0	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	132	132	0	0	0.000	0.180	0.662	1.110	1.110
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.300	2.700	3.200	3.200
Total Trihalomethanes	S	8	8	0	0	0.000	26.000	50.375	83.000	83.000
Total coliforms	S	132	132	0	0	0.000	0.000	0.030	3.000	3.000
Triclopyr	AS	32	34	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	< 0.180	< 0.210	1.000	1.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 50657

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 30-JUN-2021 (ZS0106AE) Total coliforms = 1 No./100.  
 Sample failed 20-DEC-2021 (ZS0106AE) 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 - ZS0107 - Belfast Oldpark

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples concentra-		Concentration or value (all samples)		
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	AS	32	32			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	32	33			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	32	33			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	36	36			0	0.000	8.500	19.978	79.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.013	0.022
Antimony	S	8	8			0	0.000	< 0.180	< 0.181	0.190
Arsenic	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	AS	32	32			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	32	32			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	32	33			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	18.000	21.125	25.000
Chlorotoluron	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	32	33			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.550	1.500
Clopyralid	AS	32	33			0	0.000	< 0.013	< 0.015	0.034
Clostridium perfringens (sulph red)	AS	32	32			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36			0	0.000	0.000	1.167	12.000
Colony Counts 37 (48hrs)	S	36	36			0	0.000	0.000	0.000	0.000
Colour	S	36	36			0	0.000	< 0.930	< 1.140	2.200
Conductivity	S	36	36			0	0.000	280.000	331.944	370.000
Copper	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	32	33			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	AS	32	33			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	32	33			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	32	33			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	32	33			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	32	33			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	120	120			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	32	32			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	32	33			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	32	33			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	32	33			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	120	120			0	0.000	0.080	0.350	0.670
Glyphosate	AS	32	33			0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	S	36	36			0	0.000	6.940	7.391	7.790
Iron	S	36	37			0	0.000	< 14.200	< 21.000	80.000
Isoproturon	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 2.138	6.500
Linuron	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	32	33			0	0.000	< 0.002	< 0.008	0.021
MCPB	AS	32	33			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	36	36			0	0.000	< 0.830	< 4.620	28.000
Mecoprop	AS	32	33			0	0.000	< 0.004	< 0.007	0.076
Mercury	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	32	33			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	32	33			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	32	33			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	32	33			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	0.710	2.383	7.400
Nitrate	S	8	8			0	0.000	1.600	2.825	4.800
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.032	< 0.057	< 0.096
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	36	36			0	0.000	0.000	0.000	0.000
Oxamyl	AS	32	32			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0107 - Belfast Oldpark

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Dep	con	con	Min.	Mean	Max.
Pendimethalin	AS	32	33			0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	33			0	0.000	0.000	0.016	0.076
Phorate	AS	32	33			0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	32	33			0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	32	33			0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	34			0	0.000	0.000	< 0.007	< 0.007
Prothioconazole	AS	32	33			0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8			0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8			0	0.000	12.000	14.875	18.000
Sulphate	S	8	8			0	0.000	65.000	71.625	82.000
Taste	S	36	36			0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32			0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32			0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	AS	32	32			0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	120	120			0	0.000	0.150	0.506	0.900
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	2.425	3.000
Total Trihalomethanes	S	8	8			0	0.000	30.000	41.500	63.000
Total coliforms	S	120	120			0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	34			0	0.000	0.000	< 0.012	< 0.012
Tritium	AS	2	2			0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36			0	0.000	< 0.180	< 0.199	0.380

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 46280

This zone has a surface water source :R3301

PCV Exceedances:

Water Quality was satisfactory

Notes:

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



WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	con	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	72	72		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	72	75		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	72	75		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	37		0	0.000	21.000	85.000	160.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.011	0.019
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.183	0.200
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.325	0.430
Asulam	ug/l	AS	72	73		0	0.000	< 0.017	< 0.017	< 0.034
Bentazone	ug/l	AS	72	75		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	72	72		0	0.000	< 0.150	< 0.151	0.190
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	72	75		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	7.900	11.388	20.000
Chlorotoluron	ug/l	AS	72	75		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	72	75		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.595	1.800
Clopyralid	ug/l	AS	72	75		0	0.000	< 0.013	< 0.015	0.048
Clostridium perfringens (sulph red)	No./100 ml	AS	72	72		0	0.000	0.000	0.000	0.000
Colony Counts 22	No./1 ml	S	36	36		0	0.000	0.000	1.222	10.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.028	1.000
Colour	mg/l Pt/Co	S	36	37		0	0.000	< 0.930	< 1.229	4.200
Conductivity	uS/cm 20 C	S	36	36		0	0.000	74.000	103.528	280.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	72	75		0	0.000	< 5.500	< 5.592	8.400
Dicamba	ug/l	AS	72	75		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	72	75		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	72	74		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	72	75		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	72	75		0	0.000	< 0.006	< 0.006	< 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	72	72		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	72	75		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	72	75		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	72	75		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	109		0	0.000	0.080	0.472	0.940
Glyphosate	ug/l	AS	72	73		0	0.000	< 0.008	< 0.009	0.059
Hydrogen Ion	pH value	S	36	37		0	0.000	7.220	7.603	8.260
Iron	ug Fe/l	S	36	36		0	0.000	< 14.200	< 19.617	92.000
Isoproturon	ug/l	AS	72	75		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	72	75		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	72	75		0	0.000	< 0.002	< 0.006	0.021
MCPB	ug/l	AS	72	75		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.830	< 3.119	16.000
Mecoprop	ug/l	AS	72	75		0	0.000	< 0.004	< 0.006	0.076
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	72	75		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	72	75		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	72	75		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	72	72		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	72	75		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	0.580	4.585	19.000
Nitrate	mg/l	S	8	8		0	0.000	1.700	1.900	2.100
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.034	< 0.038	< 0.042
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	36	37		0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	72	72		0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0108 - Belfast Purdysburn										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	72	73	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	72	75	0	0	0.000	0.000	0.012	0.076	0.076
Phorate	AS	72	75	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	72	75	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	72	75	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	72	75	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	72	75	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	72	75	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.415	0.450	0.450
Sodium	S	8	8	0	0	0.000	5.600	7.013	12.000	12.000
Sulphate	S	8	8	0	0	0.000	14.000	24.875	52.000	52.000
Taste	S	36	37	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	72	72	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	72	72	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	72	72	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	108	109	0	0	0.000	0.150	0.565	0.970	0.970
Total Indicative Dose	AS	3	3	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	0.960	1.454	2.200	2.200
Total Trihalomethanes	S	8	8	0	0	0.000	37.000	47.750	56.000	56.000
Total coliforms	S	108	109	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	72	77	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	3	3	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	37	0	0	0.000	< 0.180	< 0.204	0.420	0.420

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 40829

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 - ZS0109 - Dorisland Whiteabbey

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV			Concentration or value (all samples)		
				No. Of samples contravening PCV	% of samples contravening PCV		Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	8	8	0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8	0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	52	0	0.000	6.200	26.087	110.000
Ammonium	mg NH4/l	S	8	8	0	0.000	< 0.010	< 0.010	0.013
Antimony	ug/l Sb	S	8	8	0	0.000	< 0.180	< 0.200	0.320
Arsenic	ug/l As	S	8	8	0	0.000	< 0.310	< 0.328	0.450
Asulam	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	9	0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8	0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	9	0	0.000	< 0.990	< 1.038	1.200
Bromoxynil	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8	0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8	0	0.000	14.000	15.375	16.000
Chlorotoluron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8	0	0.000	< 0.370	< 0.670	2.100
Clopyralid	ug/l	AS	8	8	0	0.000	< 0.013	< 0.013	< 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	0.577	8.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52	0	0.000	0.000	0.173	3.000
Colour	mg/l Pt/Co	S	52	52	0	0.000	< 0.930	< 1.299	4.400
Conductivity	uS/cm 20 C	S	52	52	0	0.000	250.000	299.615	360.000
Copper	mg Cu/l	S	8	8	0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	8	8	0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8	0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8	0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8	0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	120	120	0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8	0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8	0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8	0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8	0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8	0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	120	0	0.000	0.080	0.467	0.850
Glyphosate	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	52	52	0	0.000	6.580	7.287	7.760
Iron	ug Fe/l	S	52	52	0	0.000	< 14.200	< 34.765	200.000
Isoproturon	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8	0	0.000	< 1.300	< 1.388	2.000
Linuron	ug/l	AS	8	8	0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8	0	0.000	< 0.002	< 0.003	0.008
MCPB	ug/l	AS	8	8	0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	54	0	0.000	2.800	10.961	29.000
Mecoprop	ug/l	AS	8	8	0	0.000	< 0.004	< 0.004	0.005
Mercury	ug/l Hg	S	8	9	0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8	0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8	0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8	0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8	0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8	0	0.000	0.550	1.005	2.200
Nitrate	mg/l	S	8	8	0	0.000	1.100	2.425	4.300
Nitrate/Nitrite Formula		S	8	8	0	0.000	< 0.022	< 0.049	< 0.086
Nitrite	mg/l	S	8	8	0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	52	0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	8	8	0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.002	0.013	0.013
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	10.000	11.875	13.000	13.000
Sulphate	S	8	8		0	0.000	63.000	77.125	89.000	89.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	120	120		0	0.000	0.180	0.595	0.970	0.970
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.300	1.600	2.100	2.100
Total Trihalomethanes	S	8	8		0	0.000	18.000	30.875	50.000	50.000
Total coliforms	S	120	120		0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.180	< 0.220	0.520	0.520

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 51247

This zone has a surface water source :R3316

PCV Exceedances:

Water Quality was satisfactory

Notes:

PCV = Prescribed Concentration or Value

U = Undertaking

S = Standard Sampling Frequency

R = Reduced Sampling Frequency

A = Authorised Supply Point

WATER SUPPLY ZONE - ZS0111 - Dunore Point HydePark

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	constraven	constraven	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36		0	0.000	8.600	22.378	69.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.011	0.020
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.316	0.360
Asulam	ug/l	AS	24	24		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	20.000	22.250	24.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.400	0.580
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.015	0.034
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	2.222	52.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.000	0.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	< 0.930	< 1.200	3.300
Conductivity	uS/cm 20 C	S	36	36		0	0.000	330.000	356.389	380.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.047	0.072
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 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	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.060	0.380	0.820
Glyphosate	ug/l	AS	24	25		0	0.000	< 0.008	< 0.010	0.059
Hydrogen Ion	pH value	S	36	36		0	0.000	7.110	7.530	7.800
Iron	ug Fe/l	S	36	36		0	0.000	< 14.200	< 23.872	200.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.338	1.600
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.009	0.021
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	37		0	0.000	< 0.830	< 1.167	3.600
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.008	0.076
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	0.610	1.251	1.700
Nitrate	mg/l	S	8	8		0	0.000	1.900	3.200	4.900
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.038	< 0.064	< 0.098
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	36	37		0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of		Concentration or value (all samples)		
				Auth	Dep	con	con	Min.	Mean	Max.
Pendimethalin	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.021	0.076	0.076
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	26	0	0	0.000	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	15.000	16.125	17.000	17.000
Sulphate	S	8	8	0	0	0.000	66.000	71.750	77.000	77.000
Taste	S	36	36	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	96	96	0	0	0.000	0.210	0.573	1.010	1.010
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.500	2.738	3.000	3.000
Total Trihalomethanes	S	8	9	0	0	0.000	34.000	52.000	78.000	78.000
Total coliforms	S	96	96	0	0	0.000	0.000	0.031	2.000	2.000
Triclopyr	AS	24	26	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36	0	0	0.000	< 0.180	< 0.207	0.480	0.480

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 35615

This zone has a surface water source :R3301

PCV Exceedances:

Sample failed 17-AUG-2021 (ZS0111AE) Total coliforms = 1 No./100.

Sample failed 10-NOV-2021 (ZS0111AE) 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 - ZS0201 - Dorisland Carrick  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36			0	0.000	5.900	23.981	160.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.011	0.018
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	9			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	9			0	0.000	< 0.990	< 1.016	1.100
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	4.200	13.900	16.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.404	0.560
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 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	0.417	7.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36			0	0.000	0.000	0.111	3.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.372	3.900
Conductivity	uS/cm 20 C	S	36	36			0	0.000	250.000	296.111	360.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.044	0.047
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	108	108			0	0.000	0.110	0.520	0.950
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	6.740	7.342	7.870
Iron	ug Fe/l	S	36	37			1	2.703	< 14.200	< 28.989	260.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.613	3.800
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.003	0.008
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			0	0.000	2.300	9.906	21.000
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	0.005
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	0.640	1.528	5.700
Nitrate	mg/l	S	8	8			0	0.000	1.100	2.213	3.900
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.022	< 0.044	< 0.078
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

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 WATER SUPPLY ZONE - ZS0201 - Dorisland Carrick  
 Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.002	0.013
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	10.000	11.750	13.000
Sulphate	S	8	8		0	0.000	< 2.850	< 65.981	88.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	108	108		0	0.000	0.190	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	1.400	1.650	2.200
Total Trihalomethanes	S	8	8		0	0.000	20.000	29.250	38.000
Total coliforms	S	108	108		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.180	< 0.211	0.430

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 Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 39826

This zone has a surface water source :R3316

PCV Exceedances:

Sample failed 16-AUG-2021 (ZS0201AE) Iron = 260 ug Fe/.

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



WATER SUPPLY ZONE - ZS0405 - Drumaroad Ards West  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples concentra- tion PCV		Concentration or value (all samples)		
				Auth	Depl	ing	ing	Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	52			0	0.000	19.000	80.404	200.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.011	0.015
Antimony	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24			0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	7.200	9.500	11.000
Chlorotoluron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.423	0.790
Clopyralid	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Clostridium perfringens (sulph red)	AS	24	24			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52			0	0.000	0.000	> 6.885	>300.000
Colony Counts 37 (48hrs)	S	52	52			0	0.000	0.000	0.327	8.000
Colour	S	52	52			0	0.000	< 0.930	< 1.286	4.200
Conductivity	S	52	52			0	0.000	74.000	88.250	150.000
Copper	S	8	9			0	0.000	< 0.043	< 0.051	0.094
Cyanide	AS	24	25			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	180	180			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.153	0.170
Fluroxypyr	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	180	180			0	0.000	0.050	0.613	1.040
Glyphosate	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	52	52			0	0.000	7.150	7.624	8.440
Iron	S	52	53			0	0.000	< 14.200	< 28.725	200.000
Isoproturon	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	9			0	0.000	< 1.300	< 1.467	2.200
Linuron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	52			0	0.000	< 0.830	< 2.911	12.000
Mecoprop	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
Mercury	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	9			0	0.000	< 0.260	< 0.966	3.100
Nitrate	S	8	8			0	0.000	1.500	1.925	2.300
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.030	< 0.039	< 0.046
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	52			0	0.000	0.000	0.000	0.000
Oxamyl	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0405 - Drumaroad Ards West										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	24	24	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.000	0.004	0.004
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25	0	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	5.300	6.525	7.700	7.700
Sulphate	S	8	8	0	0	0.000	14.000	17.500	24.000	24.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	180	180	0	0	0.000	0.090	1.035	62.000	62.000
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.100	1.238	1.700	1.700
Total Trihalomethanes	S	8	9	0	0	0.000	28.000	36.778	52.000	52.000
Total coliforms	S	180	180	0	0	0.000	0.000	0.250	45.000	45.000
Triclopyr	AS	24	25	0	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	< 0.180	< 0.201	0.360	0.360

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 70754

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 09-APR-2021 (ZS0405AE) Total coliforms = 45 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 - ZS0406 - Drumaroad Portaferry

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	25		0	0.000	18.000	99.320	190.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.011	0.015
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 1.004	1.100
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	6.700	9.300	11.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.510	1.300
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
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	0.625	9.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.792	17.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	< 0.930	< 1.282	3.100
Conductivity	uS/cm 20 C	S	24	24		0	0.000	77.000	87.625	110.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.053	0.120
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	48	49		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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.153	0.170
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	48	49		0	0.000	0.050	0.476	0.840
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24		0	0.000	7.060	7.597	8.290
Iron	ug Fe/l	S	24	24		0	0.000	< 14.200	< 27.342	89.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.830	< 5.129	16.000
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.260	< 0.673	2.200
Nitrate	mg/l	S	8	8		0	0.000	1.500	1.925	2.300
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.030	< 0.039	< 0.046
Nitrite	mg/l	S	8	9		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0406 - Drumaroad Portaferry										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	24	24	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.000	0.004	0.004
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25	0	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.411	0.420	0.420
Sodium	S	8	8	0	0	0.000	5.500	6.263	7.500	7.500
Sulphate	S	8	8	0	0	0.000	14.000	17.125	23.000	23.000
Taste	S	24	24	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	48	49	0	0	0.000	0.100	0.555	0.920	0.920
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	0.990	1.236	1.700	1.700
Total Trihalomethanes	S	8	8	0	0	0.000	30.000	41.625	60.000	60.000
Total coliforms	S	48	49	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25	0	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24	0	0	0.000	< 0.180	< 0.221	0.370	0.370

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 19553

This zone has a surface water source :R3302

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 - ZS0407 - Drumaroad Bangor West

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	37			0	0.000	17.000	82.135	200.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.026
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.183	0.200
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.368	0.580
Asulam	ug/l	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24			0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	7.100	9.125	9.800
Chlorotoluron	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 1.131	3.000
Clopyralid	ug/l	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
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	0.361	3.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36			0	0.000	0.000	0.056	2.000
Colour	mg/l Pt/Co	S	36	36			0	0.000	< 0.930	< 1.301	3.300
Conductivity	uS/cm 20 C	S	36	36			0	0.000	74.000	87.111	120.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.044	0.054
Cyanide	ug/l CN	AS	24	25			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	120	120			0	0.000	0.000	0.000	0.000
Enterococci	No./100ml	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	ug/l	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	120	120			0	0.000	0.080	0.662	1.160
Glyphosate	ug/l	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36			0	0.000	7.110	7.588	8.270
Iron	ug Fe/l	S	36	36			0	0.000	< 14.200	< 21.633	110.000
Isoproturon	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.525	3.100
Linuron	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36			0	0.000	< 0.830	< 3.842	19.000
Mecoprop	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	< 0.260	< 3.173	18.000
Nitrate	mg/l	S	8	8			0	0.000	1.600	1.875	2.200
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.032	< 0.038	< 0.044
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0407 - Drumaroad Bangor West										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	24	24	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.000	0.004	0.004
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25	0	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.411	0.420	0.420
Sodium	S	8	8	0	0	0.000	5.400	6.225	7.300	7.300
Sulphate	S	8	8	0	0	0.000	14.000	17.125	22.000	22.000
Taste	S	36	36	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	120	120	0	0	0.000	0.150	0.740	1.270	1.270
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.100	1.213	1.600	1.600
Total Trihalomethanes	S	8	8	0	0	0.000	23.000	36.125	51.000	51.000
Total coliforms	S	120	120	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25	0	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36	0	0	0.000	0.180	0.215	0.500	0.500

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 48518

This zone has a surface water source :R3302

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 - ZS0408 - Drumaroad Bangor East

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	con	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36		0	0.000	18.000	73.972	170.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.013	0.026
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	7.100	8.900	10.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.549	1.800
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
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	0.056	1.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.083	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	< 0.930	< 1.395	4.000
Conductivity	uS/cm 20 C	S	36	36		0	0.000	0.000	85.389	130.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 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	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.050	0.709	0.980
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	37		0	0.000	0.000	7.482	8.380
Iron	ug Fe/l	S	36	37		0	0.000	< 14.200	< 15.795	38.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.830	< 4.148	32.000
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.260	< 1.021	3.700
Nitrate	mg/l	S	8	8		0	0.000	1.500	1.838	2.200
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.030	< 0.037	< 0.044
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0408 - Drumaroad Bangor East										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	24	25		0	0.000	0.000	0.000	0.004	
Phorate	AS	24	25		0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	5.300	6.200	7.700	
Sulphate	S	8	8		0	0.000	14.000	16.125	21.000	
Taste	S	36	36		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.770	< 0.777	< 0.790	
Tetrachloromethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	96	96		0	0.000	0.100	0.786	1.100	
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	1.188	1.600	
Total Trihalomethanes	S	8	8		0	0.000	22.000	34.625	50.000	
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	36	36		0	0.000	< 0.180	< 0.210	0.390	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 38029

This zone has a surface water source :R3302

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 - ZS0501 - Drumaroad Lisburn

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36		0	0.000	18.000	68.139	150.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.012	0.026
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.198	0.320
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.364	0.740
Asulam	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.040	0.055
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 1.018	1.100
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	7.100	14.450	25.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.839	4.000
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
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	2.583	47.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.111	2.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	< 0.930	< 1.213	2.900
Conductivity	uS/cm 20 C	S	36	36		0	0.000	75.000	174.944	410.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	84	84		0	0.000	0.050	0.590	1.070
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36		0	0.000	7.200	7.563	8.210
Iron	ug Fe/l	S	36	36		0	0.000	< 14.200	< 20.239	130.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.875	4.900
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	36		0	0.000	< 0.830	< 3.141	14.000
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.260	< 1.121	4.500
Nitrate	mg/l	S	8	8		0	0.000	1.600	2.338	5.400
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.032	< 0.047	< 0.110
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0501 - Drumaroad Lisburn

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	24	24		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25		0	0.000	0.000	0.000	0.004
Phorate	AS	24	25		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.435	0.610
Sodium	S	8	8		0	0.000	5.300	9.550	21.000
Sulphate	S	8	8		0	0.000	14.000	41.500	91.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	84	84		0	0.000	0.180	0.690	1.130
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	0.990	1.624	2.600
Total Trihalomethanes	S	8	9		0	0.000	28.000	43.111	63.000
Total coliforms	S	84	84		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.180	< 0.216	0.680

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 65288

This zone has a surface water source :R3302

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 - ZS0502 - Forked Bridge Dunmurry

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	AS	32	34			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	32	34			0	0.000	< 0.004	< 0.005	0.013
2,4-DB	AS	32	34			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	52			0	0.000	13.000	27.846	82.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.012	0.020
Antimony	S	8	8			0	0.000	< 0.180	< 0.204	0.360
Arsenic	S	8	8			0	0.000	< 0.310	< 0.353	0.620
Asulam	AS	32	33			0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	AS	32	34			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	32	34			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	32	34			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	22.000	23.250	25.000
Chlorotoluron	AS	32	34			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	32	34			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.608	1.900
Clopyralid	AS	32	34			0	0.000	< 0.013	< 0.015	0.048
Clostridium perfringens (sulph red)	AS	32	32			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52			0	0.000	0.000	4.962	120.000
Colony Counts 37 (48hrs)	S	52	52			0	0.000	0.000	1.115	49.000
Colour	S	52	52			0	0.000	< 0.930	< 1.285	2.900
Conductivity	S	52	52			0	0.000	340.000	372.885	400.000
Copper	S	8	8			0	0.000	< 0.043	< 0.078	0.320
Cyanide	AS	32	34			0	0.000	< 5.500	< 5.753	8.400
Dicamba	AS	32	34			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	32	34			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	AS	32	33			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	32	34			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	32	34			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	156	156			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	32	32			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	32	34			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	32	34			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	32	34			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	156	156			0	0.000	0.060	0.355	1.330
Glyphosate	AS	32	33			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	52	52			0	0.000	7.100	7.512	7.950
Iron	S	52	53			0	0.000	< 14.200	< 16.340	44.000
Isoproturon	AS	32	34			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 2.363	9.800
Linuron	AS	32	34			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	32	34			0	0.000	< 0.002	< 0.008	0.020
MCPB	AS	32	34			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	52			0	0.000	< 0.830	< 1.677	11.000
Mecoprop	AS	32	34			0	0.000	< 0.004	< 0.006	0.012
Mercury	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	32	34			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	32	34			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	32	34			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	32	34			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	1.100	2.200	6.200
Nitrate	S	8	8			0	0.000	1.800	3.075	5.000
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.036	< 0.062	< 0.100
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	52			0	0.000	0.000	0.000	0.000
Oxamyl	AS	32	32			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0502 - Forked Bridge Dunmurry										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	32	33	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	34	0	0	0.000	0.000	0.017	0.058	0.058
Phorate	AS	32	34	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	32	34	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	32	34	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	32	34	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	33	0	0	0.000	< 0.007	< 0.007	0.008	0.008
Prothioconazole	AS	32	34	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	16.000	19.000	22.000	22.000
Sulphate	S	8	8	0	0	0.000	74.000	78.625	85.000	85.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	34	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	32	34	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	156	156	0	0	0.000	0.130	0.505	1.610	1.610
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.500	2.838	3.300	3.300
Total Trihalomethanes	S	8	8	0	0	0.000	22.000	53.750	76.000	76.000
Total coliforms	S	156	156	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	32	35	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	< 0.180	< 0.199	0.310	0.310

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 62216

PCV Exceedances:

Water Quality was satisfactory

Notes:

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

WATER SUPPLY ZONE - ZS0503 - Forked Bridge Stoneyford

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	10		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	9		0	0.000	< 0.004	< 0.007	0.013
2,4-DB	ug/l	AS	8	9		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24		0	0.000	14.000	29.417	60.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.012	0.016
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.211	0.430
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.374	0.810
Asulam	ug/l	AS	8	9		0	0.000	< 0.017	< 0.019	< 0.034
Bentazone	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	10		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	8	9		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	21.000	23.750	27.000
Chlorotoluron	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	9		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.943	3.100
Clopyralid	ug/l	AS	8	9		0	0.000	< 0.013	< 0.015	0.033
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	0.000	0.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.083	2.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	< 0.930	< 1.250	2.700
Conductivity	uS/cm 20 C	S	24	24		0	0.000	360.000	390.000	420.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.048	0.086
Cyanide	ug/l CN	AS	8	9		0	0.000	< 5.500	< 5.689	7.200
Dicamba	ug/l	AS	8	9		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	9		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	9		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	9		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	9		0	0.000	< 0.006	< 0.006	< 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	8		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	9		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	9		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	9		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	72	72		0	0.000	0.050	0.546	0.970
Glyphosate	ug/l	AS	8	9		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24		0	0.000	7.110	7.420	7.670
Iron	ug Fe/l	S	24	25		0	0.000	< 14.200	< 14.736	24.000
Isoproturon	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.300	< 1.300
Linuron	ug/l	AS	8	9		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	9		0	0.000	< 0.002	< 0.009	0.017
MCPB	ug/l	AS	8	9		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	24		0	0.000	< 0.830	< 2.718	19.000
Mecoprop	ug/l	AS	8	9		0	0.000	< 0.004	< 0.006	0.009
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	9		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	8	9		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	9		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	9		0	0.000	< 0.006	< 0.008	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	1.000	1.275	1.700
Nitrate	mg/l	S	8	8		0	0.000	1.500	2.813	4.400
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.030	< 0.056	< 0.088
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth	Dep	Min.	Mean
Pendimethalin	AS	8	9	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	9	0	0	0.000	0.000	0.025	0.058	0.058
Phorate	AS	8	9	0	0	0.000	< 0.009	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	8	9	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	8	9	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	8	9	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	9	0	0	0.000	< 0.007	< 0.007	0.008	0.008
Prothioconazole	AS	8	9	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.443	0.670	0.670
Sodium	S	8	8	0	0	0.000	11.000	20.875	25.000	25.000
Sulphate	S	8	8	0	0	0.000	75.000	87.750	98.000	98.000
Taste	S	24	24	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	10	0	0	0.000	< 0.770	< 0.776	< 0.790	< 0.790
Tetrachloromethane	AS	8	10	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	72	72	0	0	0.000	0.100	0.703	1.140	1.140
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.600	2.963	3.300	3.300
Total Trihalomethanes	S	8	8	0	0	0.000	43.000	56.125	66.000	66.000
Total coliforms	S	72	72	0	0	0.000	0.000	0.056	4.000	4.000
Triclopyr	AS	8	9	0	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	24	24	0	0	0.000	< 0.180	< 0.229	0.460	0.460

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 29149

PCV Exceedances:

Sample failed 09-NOV-2021 (ZS0503AE) Total coliforms = 4 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 - ZS0601 - Drumaroad Ballynahinch

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	53			0	0.000	16.000	68.264	180.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.013	0.026
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24			0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	6.400	9.063	11.000
Chlorotoluron	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.504	1.400
Clopyralid	ug/l	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
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	> 7.192	>300.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52			0	0.000	0.000	0.019	1.000
Colour	mg/l Pt/Co	S	52	52			0	0.000	< 0.930	< 1.160	2.100
Conductivity	uS/cm 20 C	S	52	52			0	0.000	72.000	110.308	400.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.046	0.064
Cyanide	ug/l CN	AS	24	25			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	ug/l	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	144	144			0	0.000	0.080	0.696	1.100
Glyphosate	ug/l	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	52	52			0	0.000	7.010	7.603	8.620
Iron	ug Fe/l	S	52	53			0	0.000	< 14.200	< 21.430	140.000
Isoproturon	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 2.300	9.300
Linuron	ug/l	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	53			0	0.000	< 0.830	< 3.297	22.000
Mecoprop	ug/l	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	< 0.260	< 0.579	1.400
Nitrate	mg/l	S	8	9			0	0.000	1.400	1.800	2.200
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.028	< 0.037	< 0.044
Nitrite	mg/l	S	8	9			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	52			1	1.923	0.000	0.058	3.000
Oxamyl	ug/l	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
Pendimethalin	AS	24	24		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25		0	0.000	0.000	0.000	0.004
Phorate	AS	24	25		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	5.300	6.138	7.600
Sulphate	S	8	8		0	0.000	13.000	16.250	22.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	144	144		0	0.000	0.110	0.784	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	0.980	1.183	1.500
Total Trihalomethanes	S	8	8		0	0.000	21.000	30.625	47.000
Total coliforms	S	144	144		0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53		0	0.000	< 0.180	< 0.207	0.460

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 57514

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 24-AUG-2021 (ZS0601AE) 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 - ZS0602 - Drumaroad Downpatrick  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV	Concentration or value (all samples)			
				Auth	Depl		Min.	Mean	Max.	
1,2 Dichloroethane	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	36	36			1	2.778	20.000	82.000	290.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.012	0.016
Antimony	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24			0	0.000	< 0.150	< 0.152	0.190
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	9			0	0.000	< 0.990	< 1.002	1.100
Bromoxynil	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	8.000	8.813	9.400
Chlorotoluron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.414	0.600
Clopyralid	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Clostridium perfringens (sulph red)	AS	24	24			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36			0	0.000	0.000	0.361	10.000
Colony Counts 37 (48hrs)	S	36	36			0	0.000	0.000	0.000	0.000
Colour	S	36	36			0	0.000	< 0.930	< 1.208	4.200
Conductivity	S	36	36			0	0.000	74.000	79.222	84.000
Copper	S	8	8			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	24	25			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	108	108			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	108	108			0	0.000	0.230	0.728	1.100
Glyphosate	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	36	36			0	0.000	6.840	7.747	8.730
Iron	S	36	38			0	0.000	< 14.200	< 15.289	44.000
Isoproturon	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 1.450	2.500
Linuron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	36	36			1	2.778	< 0.830	< 4.969	94.000
Mecoprop	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
Mercury	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	< 0.260	< 0.369	0.840
Nitrate	S	8	8			0	0.000	1.700	1.888	2.100
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.034	< 0.038	< 0.042
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	36	36			0	0.000	0.000	0.000	0.000
Oxamyl	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0602 - Drumaroad Downpatrick										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV			Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	ing PCV	Min.	Mean
Pendimethalin	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0.000	0.000	0.000	0.000	0.004	0.004
Phorate	AS	24	25	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	25	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0.000	5.500	6.038	6.500	6.500	6.500
Sulphate	S	8	8	0	0.000	14.000	15.375	17.000	17.000	17.000
Taste	S	36	36	0	0.000	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	108	108	0	0.000	0.250	0.813	1.230	1.230	1.230
Total Indicative Dose	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0.000	0.950	1.176	1.700	1.700	1.700
Total Trihalomethanes	S	8	8	0	0.000	27.000	37.625	47.000	47.000	47.000
Total coliforms	S	108	108	0	0.000	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	25	0	0.000	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36	0	0.000	< 0.180	< 0.213	1.100	1.100	1.100

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 43538

This zone has a surface water source :R3302

PCV Exceedances:

Sample failed 27-JAN-2021 (ZS0602AE) Aluminium = 290 ug Al/.

Sample failed 27-JAN-2021 (ZS0602AE) Manganese = 94 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 - ZS0809 - Castor Bay Dungannon

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	con	Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	53			1	1.887	12.000	69.321	1900.00
Ammonium	S	8	8			0	0.000	< 0.010	< 0.011	0.018
Antimony	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	S	8	8			0	0.000	< 0.310	< 0.319	0.340
Asulam	AS	24	24			0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	22.000	24.125	26.000
Chlorotoluron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.543	1.400
Clopyralid	AS	24	25			0	0.000	< 0.013	< 0.016	0.048
Clostridium perfringens (sulph red)	AS	24	24			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	53			0	0.000	0.000	8.509	268.000
Colony Counts 37 (48hrs)	S	52	53			0	0.000	0.000	0.057	1.000
Colour	S	52	53			0	0.000	< 0.930	< 1.224	4.000
Conductivity	S	52	53			0	0.000	330.000	379.811	410.000
Copper	S	8	9			0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	AS	24	25			0	0.000	< 5.500	< 5.776	8.400
Dicamba	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	AS	24	24			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	192	193			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	192	193			0	0.000	0.080	0.764	1.800
Glyphosate	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	52	53			0	0.000	6.920	7.294	7.890
Iron	S	52	54			2	3.704	< 14.200	< 32.807	550.000
Isoproturon	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 2.538	11.000
Linuron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25			0	0.000	< 0.002	< 0.008	0.020
MCPB	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	53			1	1.887	< 0.830	< 7.577	260.000
Mecoprop	AS	24	25			0	0.000	< 0.004	< 0.006	0.012
Mercury	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	9			0	0.000	1.000	1.578	2.300
Nitrate	S	8	8			0	0.000	1.600	3.238	5.700
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.032	< 0.064	< 0.110
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	54			1	1.852	0.000	0.093	5.000
Oxamyl	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0809 - Castor Bay Dungannon  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	constraven	constraven	Min.	Mean	Max.
Pendimethalin	AS	24	24	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.015	0.048	0.048
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	24	0	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	17.000	19.125	22.000	22.000
Sulphate	S	8	8	0	0	0.000	74.000	89.875	100.000	100.000
Taste	S	52	53	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	192	193	0	0	0.000	0.190	0.932	2.080	2.080
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.700	3.038	3.500	3.500
Total Trihalomethanes	S	8	8	0	0	0.000	32.000	47.750	66.000	66.000
Total coliforms	S	192	193	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	26	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	53	1	1	1.887	0.180	0.374	5.000	5.000

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 60475

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 02-AUG-2021 (ZS0809AE) Aluminium = 1900 ug Al.  
 Sample failed 29-SEP-2021 (ZS0809AE) Iron = 550 ug Fe/.  
 Sample failed 02-AUG-2021 (ZS0809AE) Iron = 440 ug Fe/.  
 Sample failed 02-AUG-2021 (ZS0809AE) Manganese = 260 ug Mn/.  
 Sample failed 02-AUG-2021 (ZS0809AE) Odour = 5 Dilm No.  
 Sample failed 29-SEP-2021 (ZS0809AE) Turbidity = 5.0 NTU.

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	32	33	0	0	0.000	< 0.004	< 0.004	0.004	
2,4-DB	AS	32	33	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	52	0	0	0.000	9.700	31.994	73.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.012	0.017	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.196	0.310	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.354	0.640	
Asulam	AS	32	32	0	0	0.000	< 0.017	< 0.018	< 0.034	
Bentazone	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	32	32	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	8	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	8	0	0	0.000	< 0.990	< 0.990	< 0.990	
Bromoxynil	AS	32	33	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	12.000	22.000	25.000	
Chlorotoluron	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	32	33	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.676	1.900	
Clopyralid	AS	32	33	0	0	0.000	< 0.013	< 0.015	0.048	
Clostridium perfringens (sulph red)	AS	32	32	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	52	52	0	0	0.000	0.000	> 6.269	>300.000	
Colony Counts 37 (48hrs)	S	52	52	0	0	0.000	0.000	0.462	21.000	
Colour	S	52	53	0	0	0.000	< 0.930	< 1.400	8.500	
Conductivity	S	52	52	0	0	0.000	99.000	346.712	410.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.049	0.090	
Cyanide	AS	32	33	0	0	0.000	< 5.500	< 5.709	8.400	
Dicamba	AS	32	33	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	32	33	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diffufenican	AS	32	32	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	32	33	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	32	33	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	144	144	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	32	32	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	32	33	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	32	33	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	32	33	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	144	144	0	0	0.000	0.080	0.782	1.380	
Glyphosate	AS	32	32	0	0	0.000	< 0.008	< 0.008	< 0.008	
Hydrogen Ion	S	52	52	0	0	0.000	6.800	7.314	8.210	
Iron	S	52	53	0	0	0.000	< 14.200	< 18.109	120.000	
Isoproturon	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	9	1	1	11.111	< 1.300	< 2.922	11.000	
Linuron	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	32	33	0	0	0.000	< 0.002	< 0.006	0.020	
MCPB	AS	32	33	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	52	0	0	0.000	< 0.830	< 2.153	10.000	
Mecoprop	AS	32	33	0	0	0.000	< 0.004	< 0.005	0.012	
Mercury	S	8	9	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	32	33	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	32	33	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	32	33	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	32	32	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	32	33	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	0.590	1.118	1.600	
Nitrate	S	8	8	0	0	0.000	1.100	2.613	4.900	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.022	< 0.052	< 0.098	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	53	1	1	1.887	0.000	0.132	7.000	
Oxamyl	AS	32	32	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZS0810 - Castor Bay Tandragee										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- ven	% of samples contra- ven	Concentration or value (all samples)			
							Auth Dep	ing PCV	ing PCV	Min.
Pendimethalin	AS	32	32	0	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	33	0	0	0.000	0.000	0.012	0.048	0.048
Phorate	AS	32	33	0	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012
Pirimicarb	AS	32	33	0	0	0.000	< 0.006	< 0.007	< 0.008	< 0.008
Propachlor	AS	32	33	0	0	0.000	< 0.010	< 0.011	< 0.012	< 0.012
Propiconazole	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	32	0	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	32	33	0	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	7.600	18.075	21.000	21.000
Sulphate	S	8	8	0	0	0.000	22.000	80.750	98.000	98.000
Taste	S	52	52	0	0	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32	0	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32	0	0	0.000	< 0.770	< 0.777	< 0.790	< 0.790
Tetrachloromethane	AS	32	32	0	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	144	144	0	0	0.000	0.150	0.937	1.680	1.680
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	1.900	2.800	3.200	3.200
Total Trihalomethanes	S	8	8	0	0	0.000	33.000	50.875	69.000	69.000
Total coliforms	S	144	144	0	0	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	32	34	0	0	0.000	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	0.180	0.234	1.100	1.100

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 55785

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 05-JUL-2021 (ZS0810AE) Lead = 11 ug Pb/l.  
Sample failed 10-AUG-2021 (ZS0810AE) Odour = 7 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 - ZS0811 - Castor Bay Portadown  
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)		
							Auth	Min.	Mean
1,2 Dichloroethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	52	53		0	0.000	< 2.800	< 32.847	69.000
Ammonium	S	8	8		0	0.000	< 0.010	< 0.010	< 0.010
Antimony	S	8	8		0	0.000	< 0.180	< 0.191	0.270
Arsenic	S	8	8		0	0.000	< 0.310	< 0.311	0.320
Asulam	AS	24	24		0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8		0	0.000	22.000	23.625	26.000
Chlorotoluron	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8		0	0.000	< 0.370	< 0.385	0.490
Clopyralid	AS	24	25		0	0.000	< 0.013	< 0.016	0.048
Clostridium perfringens (sulph red)	AS	24	24		0	0.000	0.000	0.000	0.000
Colony Counts 22	S	52	52		0	0.000	0.000	0.769	34.000
Colony Counts 37 (48hrs)	S	52	52		0	0.000	0.000	0.058	2.000
Colour	S	52	52		0	0.000	< 0.930	< 1.297	3.700
Conductivity	S	52	52		0	0.000	340.000	379.231	410.000
Copper	S	8	8		0	0.000	< 0.043	< 0.063	0.110
Cyanide	AS	24	25		0	0.000	< 5.500	< 5.776	8.400
Dicamba	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	AS	24	24		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	132	132		0	0.000	0.000	0.000	0.000
Enterococci	S	8	8		0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24		0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	132	132		0	0.000	0.080	0.675	1.370
Glyphosate	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	52	52		0	0.000	6.910	7.310	7.920
Iron	S	52	52		1	1.923	< 14.200	< 29.077	600.000
Isoproturon	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8		2	25.000	< 1.300	< 5.800	22.000
Linuron	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25		0	0.000	< 0.002	< 0.008	0.020
MCPB	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	52	52		1	1.923	< 0.830	< 5.580	150.000
Mecoprop	AS	24	25		0	0.000	< 0.004	< 0.006	0.012
Mercury	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8		0	0.000	1.200	2.750	5.200
Nitrate	S	8	8		0	0.000	1.600	3.175	5.100
Nitrate/Nitrite Formula	S	8	8		0	0.000	< 0.032	< 0.063	< 0.100
Nitrite	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Nitrite	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	52	52		1	1.923	0.000	0.154	8.000
Oxamyl	AS	24	24		0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8		0	0.000	0.000	0.000	0.000

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 WATER SUPPLY ZONE - ZS0811 - Castor Bay Portadown  
 Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.  
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Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	24	24	0	0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0	0.000	0.000	0.015	0.048
Phorate	AS	24	25	0	0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	24	25	0	0	0.000	< 0.006	< 0.008	< 0.008
Propachlor	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	24	0	0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0	0.000	18.000	19.750	22.000
Sulphate	S	8	8	0	0	0.000	78.000	89.625	110.000
Taste	S	52	52	1	1	1.923	0.000	0.077	4.000
Tebuconazole	AS	24	24	0	0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0	0.000	< 0.770	< 0.778	< 0.790
Tetrachloromethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	132	132	0	0	0.000	0.130	0.834	1.680
Total Indicative Dose	AS	1	1	0	0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0	0.000	2.600	3.100	3.700
Total Trihalomethanes	S	8	8	0	0	0.000	24.000	41.625	66.000
Total coliforms	S	132	132	0	0	0.000	0.000	0.000	0.000
Triclopyr	AS	24	26	0	0	0.000	0.000	< 0.012	< 0.012
Tritium	AS	1	1	0	0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52	0	0	0.000	0.180	0.250	1.300

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 Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 52789

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 08-DEC-2021 (ZS0811AE) Iron = 600 ug Fe/.  
 Sample failed 17-AUG-2021 (ZS0811AE) Lead = 14 ug Pb/l.  
 Sample failed 18-NOV-2021 (ZS0811AE) Lead = 22 ug Pb/l.  
 Sample failed 08-DEC-2021 (ZS0811AE) Manganese = 150 ug Mn/.  
 Sample failed 08-DEC-2021 (ZS0811AE) Odour = 8 Diln No.  
 Sample failed 08-DEC-2021 (ZS0811AE) Taste = 4 Diln No.

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 Notes:

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



WATER SUPPLY ZONE - ZS0812 - Castor Bay Craigavon East

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24	0	0	0.000	< 0.410	< 0.410	< 0.410	
2,4-D	AS	24	25	0	0	0.000	< 0.004	< 0.004	0.004	
2,4-DB	AS	24	25	0	0	0.000	< 0.012	< 0.012	< 0.012	
Aluminium	S	52	52	0	0	0.000	8.900	32.902	77.000	
Ammonium	S	8	8	0	0	0.000	< 0.010	< 0.012	0.018	
Antimony	S	8	8	0	0	0.000	< 0.180	< 0.181	0.190	
Arsenic	S	8	8	0	0	0.000	< 0.310	< 0.320	0.350	
Asulam	AS	24	24	0	0	0.000	< 0.017	< 0.018	< 0.034	
Bentazone	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Benzene	AS	24	24	0	0	0.000	< 0.150	< 0.150	< 0.150	
Benzo(a)pyrene	S	8	8	0	0	0.000	< 0.002	< 0.002	< 0.002	
Boron	S	8	8	0	0	0.000	< 0.038	< 0.038	< 0.038	
Bromate	S	8	8	0	0	0.000	< 0.990	< 0.990	< 0.990	
Bromoxynil	AS	24	25	0	0	0.000	< 0.013	< 0.013	< 0.013	
Cadmium	S	8	8	0	0	0.000	< 0.300	< 0.300	< 0.300	
Chloride	S	8	8	0	0	0.000	22.000	23.750	25.000	
Chlorotoluron	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Chlorpyrifos	AS	24	25	0	0	0.000	< 0.007	< 0.008	< 0.008	
Chromium	S	8	8	0	0	0.000	< 0.370	< 0.574	1.900	
Clopyralid	AS	24	25	0	0	0.000	< 0.013	< 0.016	0.048	
Clostridium perfringens (sulph red)	AS	24	24	0	0	0.000	0.000	0.000	0.000	
Colony Counts 22	S	52	52	0	0	0.000	0.000	0.981	45.000	
Colony Counts 37 (48hrs)	S	52	52	0	0	0.000	0.000	0.115	2.000	
Colour	S	52	54	0	0	0.000	< 0.930	< 1.283	3.600	
Conductivity	S	52	52	0	0	0.000	340.000	379.231	420.000	
Copper	S	8	8	0	0	0.000	< 0.043	< 0.048	0.079	
Cyanide	AS	24	25	0	0	0.000	< 5.500	< 5.776	8.400	
Dicamba	AS	24	25	0	0	0.000	< 0.017	< 0.017	< 0.017	
Dichlorprop	AS	24	25	0	0	0.000	< 0.004	< 0.004	< 0.004	
Diffufenican	AS	24	24	0	0	0.000	< 0.007	< 0.008	< 0.009	
Dimethenamid	AS	24	25	0	0	0.000	< 0.006	< 0.006	< 0.006	
Diuron	AS	24	25	0	0	0.000	< 0.006	< 0.006	< 0.006	
E. coli	S	132	132	0	0	0.000	0.000	0.000	0.000	
Enterococci	S	8	8	0	0	0.000	0.000	0.000	0.000	
Epoxiconazole	AS	24	24	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fenpropimorph	AS	24	25	0	0	0.000	< 0.008	< 0.009	< 0.009	
Flufenacet	AS	24	25	0	0	0.000	< 0.005	< 0.005	< 0.005	
Fluoride	S	8	8	0	0	0.000	< 0.150	< 0.150	< 0.150	
Fluroxypyr	AS	24	25	0	0	0.000	< 0.018	< 0.018	< 0.018	
Free - Residual disinfectant	S	132	132	0	0	0.000	0.090	0.810	1.600	
Glyphosate	AS	24	24	0	0	0.000	< 0.008	< 0.008	< 0.008	
Hydrogen Ion	S	52	52	0	0	0.000	6.810	7.267	7.750	
Iron	S	52	53	1	1	1.887	< 14.200	< 25.592	230.000	
Isoproturon	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
Lead	S	8	8	0	0	0.000	< 1.300	< 2.050	6.600	
Linuron	AS	24	25	0	0	0.000	< 0.003	< 0.003	< 0.003	
MCPA	AS	24	25	0	0	0.000	< 0.002	< 0.008	0.020	
MCPB	AS	24	25	0	0	0.000	< 0.014	< 0.014	< 0.014	
Manganese	S	52	52	0	0	0.000	< 0.830	< 3.157	26.000	
Mecoprop	AS	24	25	0	0	0.000	< 0.004	< 0.006	0.012	
Mercury	S	8	8	0	0	0.000	< 0.050	< 0.050	< 0.050	
Metalaxyl	AS	24	25	0	0	0.000	< 0.010	< 0.012	< 0.012	
Metamitron	AS	24	25	0	0	0.000	< 0.007	< 0.007	< 0.007	
Metazachlor	AS	24	25	0	0	0.000	< 0.010	< 0.011	< 0.015	
Metoxuron	AS	24	24	0	0	0.000	< 0.008	< 0.008	< 0.008	
Metribuzin	AS	24	25	0	0	0.000	< 0.006	< 0.007	< 0.008	
Nickel	S	8	8	0	0	0.000	1.300	2.000	5.600	
Nitrate	S	8	8	0	0	0.000	1.600	3.175	5.000	
Nitrate/Nitrite Formula	S	8	8	0	0	0.000	< 0.032	< 0.064	< 0.100	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Nitrite	S	8	8	0	0	0.000	< 0.030	< 0.030	< 0.030	
Odour	S	52	53	0	0	0.000	0.000	0.000	0.000	
Oxamyl	AS	24	24	0	0	0.000	< 0.002	< 0.002	< 0.002	
PAH - Sum of four substances	S	8	8	0	0	0.000	0.000	0.000	0.000	

WATER SUPPLY ZONE - ZS0812 - Castor Bay Craigavon East										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contra- ven-	Concentration or value (all samples)			
				Auth	Dep		Min.	Mean	Max.	
Pendimethalin	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	
Pesticides - Total Substances	AS	24	25	0	0.000	0.000	0.015	0.048	0.048	
Phorate	AS	24	25	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012	
Pirimicarb	AS	24	25	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	
Propachlor	AS	24	25	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	
Propiconazole	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8	0	0.000	18.000	19.375	22.000	22.000	
Sulphate	S	8	8	0	0.000	82.000	92.625	110.000	110.000	
Taste	S	52	52	0	0.000	0.000	0.000	0.000	0.000	
Tebuconazole	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790	
Tetrachloromethane	AS	24	24	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	132	132	0	0.000	0.220	0.956	1.690	1.690	
Total Indicative Dose	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8	0	0.000	2.700	3.125	4.000	4.000	
Total Trihalomethanes	S	8	8	0	0.000	24.000	37.625	60.000	60.000	
Total coliforms	S	132	132	0	0.000	0.000	0.008	1.000	1.000	
Triclopyr	AS	24	26	0	0.000	0.000	< 0.012	< 0.012	< 0.012	
Tritium	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	52	52	0	0.000	< 0.180	< 0.237	0.830	0.830	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 52630

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 10-NOV-2021 (ZS0812AE) Iron = 230 ug Fe/.

Sample failed 28-SEP-2021 (ZS0812AE) 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 - ZS0814 - Castor Bay Moira

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.
1,2 Dichloroethane	AS	24	24			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	24	25			0	0.000	< 0.004	< 0.004	0.004
2,4-DB	AS	24	25			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	36	36			1	2.778	9.400	43.900	210.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.011	0.015
Antimony	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	S	8	8			0	0.000	< 0.310	< 0.314	0.340
Asulam	AS	24	24			0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	AS	24	24			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	AS	24	25			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	21.000	23.250	25.000
Chlorotoluron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	24	25			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.411	0.530
Clopyralid	AS	24	25			0	0.000	< 0.013	< 0.016	0.048
Clostridium perfringens (sulph red)	AS	24	24			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	36	36			0	0.000	0.000	3.861	124.000
Colony Counts 37 (48hrs)	S	36	36			0	0.000	0.000	0.056	2.000
Colour	S	36	36			0	0.000	< 0.930	< 1.158	2.400
Conductivity	S	36	36			0	0.000	86.000	371.833	420.000
Copper	S	8	8			0	0.000	< 0.043	< 0.049	0.090
Cyanide	AS	24	25			0	0.000	< 5.500	< 5.776	8.400
Dicamba	AS	24	25			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	24	25			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	AS	24	24			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	AS	24	25			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	84	85			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	24	24			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	24	25			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	24	25			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	24	25			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	84	85			0	0.000	< 0.050	< 0.776	1.290
Glyphosate	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	36	36			0	0.000	6.910	7.382	9.550
Iron	S	36	37			0	0.000	< 14.200	< 16.632	49.000
Isoproturon	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 1.300	< 1.300
Linuron	AS	24	25			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	24	25			0	0.000	< 0.002	< 0.008	0.020
MCPB	AS	24	25			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	36	36			0	0.000	< 0.830	< 3.066	19.000
Mecoprop	AS	24	25			0	0.000	< 0.004	< 0.006	0.012
Mercury	S	8	9			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	24	25			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	24	25			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	24	25			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	24	24			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	24	25			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	1.000	3.863	10.000
Nitrate	S	8	8			0	0.000	1.600	3.413	5.100
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.038	< 0.069	< 0.100
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	36	37			1	2.703	0.000	0.270	10.000
Oxamyl	AS	24	24			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0814 - Castor Bay Moira										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	24	24	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Pesticides - Total Substances	AS	24	25	0	0.000	0.000	0.015	0.048	0.048	0.048
Phorate	AS	24	25	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012	< 0.012
Pirimicarb	AS	24	25	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	< 0.008
Propachlor	AS	24	25	0	0.000	< 0.010	< 0.012	< 0.012	< 0.012	< 0.012
Propiconazole	AS	24	25	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Propyzamide	AS	24	24	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	24	25	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Sodium	S	8	8	0	0.000	18.000	19.875	21.000	21.000	21.000
Sulphate	S	8	8	0	0.000	62.000	87.125	99.000	99.000	99.000
Taste	S	36	36	0	0.000	0.000	0.000	0.000	0.000	0.000
Tebuconazole	AS	24	24	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	24	24	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790	< 0.790
Tetrachloromethane	AS	24	24	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	84	85	0	0.000	0.090	0.925	1.560	1.560	1.560
Total Indicative Dose	AS	1	1	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8	0	0.000	2.500	3.125	4.000	4.000	4.000
Total Trihalomethanes	S	8	8	0	0.000	26.000	36.500	51.000	51.000	51.000
Total coliforms	S	84	85	0	0.000	0.000	0.000	0.000	0.000	0.000
Triclopyr	AS	24	26	0	0.000	0.000	< 0.012	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36	0	0.000	< 0.180	< 0.221	0.560	0.560	0.560

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 31213

This zone has a surface water source :R2308

PCV Exceedances:

Sample failed 22-FEB-2021 (ZS0814AE) Aluminium = 210 ug Al/.  
 Sample failed 15-MAR-2021 (ZS0814AE) Hydrogen Ion = 9.55 pH va.  
 Sample failed 28-JUN-2021 (ZS0814AE) 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 - ZS0901 - Castor Bay Newry West

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	24	25		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	24	24		0	0.000	12.000	28.542	60.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.012	0.016
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.198	0.270
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.349	0.580
Asulam	ug/l	AS	24	24		0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	24	24		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 0.990	< 0.990
Bromoxynil	ug/l	AS	24	25		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	21.000	23.875	26.000
Chlorotoluron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	24	25		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.621	2.300
Clopyralid	ug/l	AS	24	25		0	0.000	< 0.013	< 0.016	0.048
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	0.500	10.000
Colony Counts 37 (48hrs)	No./1 ml	S	24	24		0	0.000	0.000	0.083	1.000
Colour	mg/l Pt/Co	S	24	24		0	0.000	< 0.930	< 1.095	2.100
Conductivity	uS/cm 20 C	S	24	24		0	0.000	280.000	377.917	410.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.043	< 0.043
Cyanide	ug/l CN	AS	24	25		0	0.000	< 5.500	< 5.776	8.400
Dicamba	ug/l	AS	24	25		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	24	24		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	24	25		0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	24	25		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	24	25		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	24	25		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	60	60		0	0.000	0.120	0.758	1.340
Glyphosate	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	24	24		0	0.000	6.940	7.330	7.750
Iron	ug Fe/l	S	24	24		0	0.000	< 14.200	< 27.917	99.000
Isoproturon	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		0	0.000	< 1.300	< 1.500	2.900
Linuron	ug/l	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	24	25		0	0.000	< 0.002	< 0.008	0.020
MCPB	ug/l	AS	24	25		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	24	25		0	0.000	< 0.830	< 1.671	4.400
Mecoprop	ug/l	AS	24	25		0	0.000	< 0.004	< 0.006	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	24	25		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	24	25		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	24	24		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	24	25		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	0.930	3.616	14.000
Nitrate	mg/l	S	8	8		0	0.000	1.800	3.013	5.600
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.036	< 0.060	< 0.110
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8		0	0.000	0.000	0.000	0.002

WATER SUPPLY ZONE - ZS0901 - Castor Bay Newry West										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contraven ing PCV	% of samples contraven ing PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	24	24		0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	24	25		0	0.000	0.000	0.015	0.048	
Phorate	AS	24	25		0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	24	25		0	0.000	< 0.006	< 0.008	< 0.008	
Propachlor	AS	24	25		0	0.000	< 0.010	< 0.012	< 0.012	
Propiconazole	AS	24	25		0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	24	24		0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	24	25		0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8		0	0.000	17.000	19.125	21.000	
Sulphate	S	8	8		0	0.000	76.000	86.750	100.000	
Taste	S	24	24		0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	24	24		0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	24	24		0	0.000	< 0.770	< 0.778	< 0.790	
Tetrachloromethane	AS	24	24		0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	60	60		0	0.000	0.180	0.909	1.590	
Total Indicative Dose	AS	1	1		0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8		0	0.000	2.700	3.063	3.300	
Total Trihalomethanes	S	8	8		0	0.000	35.000	49.250	63.000	
Total coliforms	S	60	60		0	0.000	0.000	0.000	0.000	
Triclopyr	AS	24	26		0	0.000	0.000	< 0.012	< 0.012	
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	24	24		0	0.000	< 0.180	< 0.210	0.290	

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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples		Concentration or value (all samples)		
				Auth	Depl	con	traven	Min.	Mean	Max.
1,2 Dichloroethane	ug/l	AS	32	32		0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	32	33		0	0.000	< 0.004	< 0.004	0.004
2,4-DB	ug/l	AS	32	33		0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	36	36		0	0.000	6.300	24.342	52.000
Ammonium	mg NH4/l	S	8	8		0	0.000	< 0.010	< 0.010	0.011
Antimony	ug/l Sb	S	8	8		0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8		0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	32	32		0	0.000	< 0.017	< 0.018	< 0.034
Bentazone	ug/l	AS	32	33		0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	32	32		0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8		0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8		0	0.000	< 0.990	< 1.080	1.400
Bromoxynil	ug/l	AS	32	33		0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8		0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8		0	0.000	10.000	11.500	13.000
Chlorotoluron	ug/l	AS	32	33		0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	32	33		0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8		0	0.000	< 0.370	< 0.535	1.600
Clopyralid	ug/l	AS	32	33		0	0.000	< 0.013	< 0.015	0.048
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	0.500	11.000
Colony Counts 37 (48hrs)	No./1 ml	S	36	36		0	0.000	0.000	0.028	1.000
Colour	mg/l Pt/Co	S	36	36		0	0.000	< 0.930	< 1.169	2.800
Conductivity	uS/cm 20 C	S	36	36		0	0.000	84.000	112.250	340.000
Copper	mg Cu/l	S	8	8		0	0.000	< 0.043	< 0.071	0.200
Cyanide	ug/l CN	AS	32	33		0	0.000	< 5.500	< 5.709	8.400
Dicamba	ug/l	AS	32	33		0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	32	33		0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	32	32		0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	32	33		0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	32	33		0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	32	33		0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	32	33		0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8		0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	32	33		0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	96	96		0	0.000	0.050	0.703	2.890
Glyphosate	ug/l	AS	32	32		0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	36	36		0	0.000	7.080	7.503	8.130
Iron	ug Fe/l	S	36	36		0	0.000	< 14.200	< 16.394	67.000
Isoproturon	ug/l	AS	32	33		0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8		1	12.500	< 1.300	< 3.025	11.000
Linuron	ug/l	AS	32	33		0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	32	33		0	0.000	< 0.002	< 0.006	0.020
MCPB	ug/l	AS	32	33		0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	36	37		0	0.000	< 0.830	< 1.088	2.100
Mecoprop	ug/l	AS	32	33		0	0.000	< 0.004	< 0.005	0.012
Mercury	ug/l Hg	S	8	8		0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	32	33		0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	32	33		0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	32	33		0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	32	32		0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	32	33		0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8		0	0.000	< 0.260	< 1.725	11.000
Nitrate	mg/l	S	8	8		0	0.000	1.100	1.788	2.300
Nitrate/Nitrite Formula		S	8	8		0	0.000	< 0.022	< 0.036	< 0.046
Nitrite	mg/l	S	8	8		0	0.000	< 0.030	< 0.030	< 0.030
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	< 0.002	< 0.002
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 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	32	32		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	32	33		0	0.000	0.000	0.012	0.048
Phorate	AS	32	33		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	32	33		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	32	33		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	32	33		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	32	32		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	32	33		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Sodium	S	8	8		0	0.000	6.700	7.463	8.500
Sulphate	S	8	8		0	0.000	17.000	17.875	19.000
Taste	S	36	36		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	32	32		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	32	32		0	0.000	< 0.770	< 0.777	< 0.790
Tetrachloromethane	AS	32	32		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	96	96		0	0.000	0.110	0.801	2.960
Total Indicative Dose	AS	2	2		0	0.000	< 0.100	< 0.100	< 0.100
Total Organic Carbon	S	8	8		0	0.000	1.300	1.763	2.200
Total Trihalomethanes	S	8	8		0	0.000	27.000	40.375	54.000
Total coliforms	S	96	96		0	0.000	0.000	0.000	0.000
Triclopyr	AS	32	34		0	0.000	0.000	< 0.012	< 0.012
Tritium	AS	2	2		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	36	36		0	0.000	< 0.180	< 0.191	0.300

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 37503

This zone has a surface water source :R2711

PCV Exceedances:

Sample failed 24-AUG-2021 (ZS0902AE) Lead = 11 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 - ZS0904 - Fofanny Mourne

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	8	8			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
2,4-DB	ug/l	AS	8	8			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	52	52			0	0.000	7.000	26.073	70.000
Ammonium	mg NH4/l	S	8	8			0	0.000	< 0.010	< 0.014	0.032
Antimony	ug/l Sb	S	8	8			0	0.000	< 0.180	< 0.180	< 0.180
Arsenic	ug/l As	S	8	8			0	0.000	< 0.310	< 0.310	< 0.310
Asulam	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Bentazone	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Benzene	ug/l	AS	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	8	8			0	0.000	< 0.990	< 1.029	1.300
Bromoxynil	ug/l	AS	8	8			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	8	8			0	0.000	11.000	14.250	23.000
Chlorotoluron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	8	8			0	0.000	< 0.370	< 0.590	1.400
Clopyralid	ug/l	AS	8	8			0	0.000	< 0.013	< 0.014	0.020
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	2.173	47.000
Colony Counts 37 (48hrs)	No./1 ml	S	52	52			0	0.000	0.000	0.115	3.000
Colour	mg/l Pt/Co	S	52	52			0	0.000	< 0.930	< 1.373	3.400
Conductivity	uS/cm 20 C	S	52	52			0	0.000	86.000	127.654	360.000
Copper	mg Cu/l	S	8	8			0	0.000	< 0.043	< 0.048	0.086
Cyanide	ug/l CN	AS	8	8			0	0.000	< 5.500	< 5.500	< 5.500
Dicamba	ug/l	AS	8	8			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	8	8			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 0.006
Diuron	ug/l	AS	8	8			0	0.000	< 0.006	< 0.006	< 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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	8	8			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	8	8			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	8	8			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	156	156			0	0.000	0.060	0.683	2.580
Glyphosate	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	52	52			0	0.000	7.060	7.548	8.170
Iron	ug Fe/l	S	52	53			0	0.000	< 14.200	< 18.517	86.000
Isoproturon	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	8	8			0	0.000	< 1.300	< 1.763	3.300
Linuron	ug/l	AS	8	8			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
MCPB	ug/l	AS	8	8			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	52	52			0	0.000	< 0.830	< 1.310	4.200
Mecoprop	ug/l	AS	8	8			0	0.000	< 0.004	< 0.004	< 0.004
Mercury	ug/l Hg	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.012
Metamitron	ug/l	AS	8	8			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	8	8			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	8	8			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	8	8			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	8	8			0	0.000	< 0.260	< 0.590	1.300
Nitrate	mg/l	S	8	8			0	0.000	1.100	1.888	2.600
Nitrate/Nitrite Formula		S	8	8			0	0.000	< 0.022	< 0.038	< 0.052
Nitrite	mg/l	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	52	53			1	1.887	0.000	0.151	8.000
Oxamyl	ug/l	AS	8	8			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS0904 - Fofanny Mourne

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contra- vening PCV	% of samples contra- vening PCV	Concentration or value (all samples)		
							Auth Dep	Min.	Mean
Pendimethalin	AS	8	8		0	0.000	< 0.006	< 0.008	< 0.008
Pesticides - Total Substances	AS	8	8		0	0.000	0.000	0.003	0.020
Phorate	AS	8	8		0	0.000	< 0.009	< 0.011	< 0.012
Pirimicarb	AS	8	8		0	0.000	< 0.006	< 0.007	< 0.008
Propachlor	AS	8	8		0	0.000	< 0.010	< 0.011	< 0.012
Propiconazole	AS	8	8		0	0.000	< 0.003	< 0.003	< 0.003
Propyzamide	AS	8	8		0	0.000	< 0.007	< 0.007	< 0.007
Prothioconazole	AS	8	8		0	0.000	< 0.002	< 0.002	< 0.002
Selenium	S	8	8		0	0.000	< 0.410	< 0.419	0.480
Sodium	S	8	8		0	0.000	6.800	10.500	18.000
Sulphate	S	8	8		0	0.000	17.000	31.625	81.000
Taste	S	52	52		0	0.000	0.000	0.000	0.000
Tebuconazole	AS	8	8		0	0.000	< 0.004	< 0.004	< 0.004
Tetrachloroethene/Trichloroethene - S	AS	8	8		0	0.000	< 0.770	< 0.775	< 0.790
Tetrachloromethane	AS	8	8		0	0.000	< 0.410	< 0.410	< 0.410
Total - Residual disinfectant	S	156	156		0	0.000	0.130	0.775	2.620
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	1.838	2.800
Total Trihalomethanes	S	8	8		0	0.000	19.000	47.500	63.000
Total coliforms	S	156	156		0	0.000	0.000	0.000	0.000
Triclopyr	AS	8	8		0	0.000	< 0.012	< 0.012	< 0.012
Tritium	AS	1	1		0	0.000	< 10.000	< 10.000	< 10.000
Turbidity	S	52	52		0	0.000	< 0.180	< 0.190	0.310

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 31-AUG-2021 (ZS0904AE) Odour = 8 Diln No.

Notes:

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

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		No. Of samples contraven- ing PCV	% of samples contraven- ing PCV	Concentration or value (all samples)		
				Auth	Depl			Min.	Mean	Max.
1,2 Dichloroethane	AS	32	33			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	AS	32	33			0	0.000	< 0.004	< 0.004	0.005
2,4-DB	AS	32	33			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	S	24	24			1	4.167	17.000	58.417	360.000
Ammonium	S	8	8			0	0.000	< 0.010	< 0.013	0.021
Antimony	S	8	8			0	0.000	< 0.180	< 0.186	0.220
Arsenic	S	8	8			0	0.000	< 0.310	< 0.348	0.390
Asulam	AS	32	32			0	0.000	< 0.017	< 0.020	< 0.085
Bentazone	AS	32	33			0	0.000	< 0.003	< 0.003	0.010
Benzene	AS	32	33			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	S	8	8			0	0.000	< 0.002	< 0.002	< 0.002
Boron	S	8	8			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	S	8	8			0	0.000	1.100	1.313	1.500
Bromoxynil	AS	32	33			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	S	8	8			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	S	8	8			0	0.000	17.000	19.375	21.000
Chlorotoluron	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	AS	32	33			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	S	8	8			0	0.000	< 0.370	< 0.370	< 0.370
Clopyralid	AS	32	33			0	0.000	< 0.013	< 0.016	0.065
Clostridium perfringens (sulph red)	AS	32	32			0	0.000	0.000	0.000	0.000
Colony Counts 22	S	24	24			0	0.000	0.000	0.125	2.000
Colony Counts 37 (48hrs)	S	24	24			0	0.000	0.000	0.083	2.000
Colour	S	24	24			0	0.000	< 0.930	< 1.280	2.300
Conductivity	S	24	24			0	0.000	230.000	262.917	310.000
Copper	S	8	8			0	0.000	< 0.043	< 0.065	0.200
Cyanide	AS	32	33			0	0.000	< 5.500	< 5.709	8.400
Dicamba	AS	32	33			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	AS	32	33			0	0.000	< 0.004	< 0.004	< 0.004
Diffufenican	AS	32	32			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	AS	32	33			0	0.000	< 0.006	< 0.006	0.007
Diuron	AS	32	33			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	S	36	39			0	0.000	0.000	0.000	0.000
Enterococci	S	8	8			0	0.000	0.000	0.000	0.000
Epoxiconazole	AS	32	32			0	0.000	< 0.005	< 0.005	< 0.005
Fenpropimorph	AS	32	33			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	AS	32	33			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	S	8	8			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	AS	32	33			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	S	36	38			0	0.000	0.080	0.703	1.210
Glyphosate	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	S	24	24			0	0.000	7.280	7.568	7.950
Iron	S	24	25			1	4.000	< 14.200	< 33.160	450.000
Isoproturon	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Lead	S	8	8			0	0.000	< 1.300	< 1.888	6.000
Linuron	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	AS	32	33			0	0.000	< 0.002	< 0.011	0.054
MCPB	AS	32	33			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	S	24	24			0	0.000	< 0.830	< 1.486	11.000
Mecoprop	AS	32	33			0	0.000	< 0.004	< 0.006	0.017
Mercury	S	8	8			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	AS	32	33			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	AS	32	33			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	AS	32	33			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	AS	32	33			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	S	8	8			0	0.000	0.320	1.965	2.800
Nitrate	S	8	8			0	0.000	1.200	3.025	5.800
Nitrate/Nitrite Formula	S	8	8			0	0.000	< 0.024	< 0.061	< 0.120
Nitrite	S	8	8			0	0.000	< 0.030	< 0.030	< 0.030
Odour	S	24	24			0	0.000	0.000	0.000	0.000
Oxamyl	AS	32	32			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	S	8	8			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS1001 - Carran Hill Crossmaglen										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contra- ven	Concentration or value (all samples)			
				Auth	Dep		Min.	Mean	Max.	
Pendimethalin	AS	32	32	0	0.000	< 0.006	< 0.008	< 0.008	< 0.008	
Pesticides - Total Substances	AS	32	33	0	0.000	0.000	0.022	0.092	0.092	
Phorate	AS	32	33	0	0.000	< 0.009	< 0.011	< 0.012	< 0.012	
Pirimicarb	AS	32	33	0	0.000	< 0.006	< 0.007	< 0.008	< 0.008	
Propachlor	AS	32	33	0	0.000	< 0.010	< 0.011	< 0.012	< 0.012	
Propiconazole	AS	32	33	0	0.000	< 0.003	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	32	32	0	0.000	< 0.007	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	32	33	0	0.000	< 0.002	< 0.002	< 0.002	< 0.002	
Selenium	S	8	8	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Sodium	S	8	8	0	0.000	11.000	12.875	20.000	20.000	
Sulphate	S	8	8	0	0.000	40.000	55.125	75.000	75.000	
Taste	S	24	24	0	0.000	0.000	0.000	0.000	0.000	
Tebuconazole	AS	32	32	0	0.000	< 0.004	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	32	33	0	0.000	< 0.770	< 0.778	< 0.790	< 0.790	
Tetrachloromethane	AS	32	33	0	0.000	< 0.410	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	36	38	0	0.000	0.180	0.870	1.470	1.470	
Total Indicative Dose	AS	2	2	0	0.000	< 0.100	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	8	8	0	0.000	2.600	2.888	3.000	3.000	
Total Trihalomethanes	S	8	9	0	0.000	50.000	68.333	82.000	82.000	
Total coliforms	S	36	39	0	0.000	0.000	0.000	0.000	0.000	
Triclopyr	AS	32	34	0	0.000	0.000	0.012	0.015	0.015	
Tritium	AS	2	2	0	0.000	< 10.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	24	24	0	0.000	< 0.180	< 0.241	0.960	0.960	

Commentary on Water Quality:

A: Supply point authorisation for pesticides and related products.

Population of zone = 10171

This zone has a surface water source :R2707

PCV Exceedances:

Sample failed 19-JUL-2021 (ZS1001AE) Aluminium = 360 ug Al/.  
Sample failed 16-AUG-2021 (ZS1001AE) Iron = 450 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 - ZS1002 - Carran Hill Camly

Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.

Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV		% of samples contravening PCV		Concentration or value (all samples)			
				Auth	Depl	ing PCV	ing PCV	Min.	Mean	Max.	
1,2 Dichloroethane	ug/l	AS	32	33			0	0.000	< 0.410	< 0.410	< 0.410
2,4-D	ug/l	AS	32	33			0	0.000	< 0.004	< 0.004	0.005
2,4-DB	ug/l	AS	32	33			0	0.000	< 0.012	< 0.012	< 0.012
Aluminium	ug Al/l	S	4	4			0	0.000	14.000	35.250	64.000
Ammonium	mg NH4/l	S	4	4			0	0.000	< 0.010	< 0.014	0.021
Antimony	ug/l Sb	S	4	4			0	0.000	< 0.180	< 0.238	0.340
Arsenic	ug/l As	S	4	4			0	0.000	< 0.310	< 0.480	0.760
Asulam	ug/l	AS	32	32			0	0.000	< 0.017	< 0.020	< 0.085
Bentazone	ug/l	AS	32	33			0	0.000	< 0.003	< 0.003	0.010
Benzene	ug/l	AS	32	33			0	0.000	< 0.150	< 0.150	< 0.150
Benzo(a)pyrene	ug/l	S	4	4			0	0.000	< 0.002	< 0.002	< 0.002
Boron	mg/l B	S	4	4			0	0.000	< 0.038	< 0.038	< 0.038
Bromate	ug BrO3/l	S	4	4			0	0.000	1.200	1.275	1.500
Bromoxynil	ug/l	AS	32	33			0	0.000	< 0.013	< 0.013	< 0.013
Cadmium	ug/l Cd	S	4	4			0	0.000	< 0.300	< 0.300	< 0.300
Chloride	mg Cl/l	S	4	4			0	0.000	18.000	20.250	22.000
Chlorotoluron	ug/l	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Chlorpyrifos	ug/l	AS	32	33			0	0.000	< 0.007	< 0.008	< 0.008
Chromium	ug/l Cr	S	4	4			0	0.000	< 0.370	< 1.155	2.200
Clopyralid	ug/l	AS	32	33			0	0.000	< 0.013	< 0.016	0.065
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	0.750	2.000
Colour	mg/l Pt/Co	S	4	4			0	0.000	< 0.930	< 2.683	6.300
Conductivity	uS/cm 20 C	S	4	4			0	0.000	260.000	272.500	300.000
Copper	mg Cu/l	S	4	4			0	0.000	< 0.043	< 0.055	0.089
Cyanide	ug/l CN	AS	32	33			0	0.000	< 5.500	< 5.709	8.400
Dicamba	ug/l	AS	32	33			0	0.000	< 0.017	< 0.017	< 0.017
Dichlorprop	ug/l	AS	32	33			0	0.000	< 0.004	< 0.004	< 0.004
Diflufenican	ug/l	AS	32	32			0	0.000	< 0.007	< 0.008	< 0.009
Dimethenamid	ug/l	AS	32	33			0	0.000	< 0.006	< 0.006	0.007
Diuron	ug/l	AS	32	33			0	0.000	< 0.006	< 0.006	< 0.006
E. coli	No./100 ml	S	12	13			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	< 0.005	< 0.005	< 0.005
Fenpropimorph	ug/l	AS	32	33			0	0.000	< 0.008	< 0.009	< 0.009
Flufenacet	ug/l	AS	32	33			0	0.000	< 0.005	< 0.005	< 0.005
Fluoride	mg F/l	S	4	4			0	0.000	< 0.150	< 0.150	< 0.150
Fluroxypyr	ug/l	AS	32	33			0	0.000	< 0.018	< 0.018	< 0.018
Free - Residual disinfectant	mg Cl/l	S	12	13			0	0.000	0.200	0.765	1.510
Glyphosate	ug/l	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Hydrogen Ion	pH value	S	4	4			0	0.000	7.010	7.373	7.730
Iron	ug Fe/l	S	4	4			0	0.000	< 14.200	< 17.600	23.000
Isoproturon	ug/l	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
Lead	ug Pb/l	S	4	4			0	0.000	< 1.300	< 2.075	4.400
Linuron	ug/l	AS	32	33			0	0.000	< 0.003	< 0.003	< 0.003
MCPA	ug/l	AS	32	33			0	0.000	< 0.002	< 0.011	0.054
MCPB	ug/l	AS	32	33			0	0.000	< 0.014	< 0.014	< 0.014
Manganese	ug Mn/l	S	4	4			0	0.000	< 0.830	< 1.708	2.800
Mecoprop	ug/l	AS	32	33			0	0.000	< 0.004	< 0.006	0.017
Mercury	ug/l Hg	S	4	5			0	0.000	< 0.050	< 0.050	< 0.050
Metalaxyl	ug/l	AS	32	33			0	0.000	< 0.010	< 0.012	< 0.012
Metamitron	ug/l	AS	32	33			0	0.000	< 0.007	< 0.007	< 0.007
Metazachlor	ug/l	AS	32	33			0	0.000	< 0.010	< 0.011	< 0.015
Metoxuron	ug/l	AS	32	32			0	0.000	< 0.008	< 0.008	< 0.008
Metribuzin	ug/l	AS	32	33			0	0.000	< 0.006	< 0.007	< 0.008
Nickel	ug Ni/l	S	4	4			0	0.000	2.500	5.050	12.000
Nitrate	mg/l	S	4	4			0	0.000	1.500	3.375	5.500
Nitrate/Nitrite Formula		S	4	4			0	0.000	< 0.030	< 0.068	< 0.110
Nitrite	mg/l	S	4	4			0	0.000	< 0.030	< 0.030	< 0.030
Odour	Diln No	S	4	4			0	0.000	0.000	0.000	0.000
Oxamyl	ug/l	AS	32	32			0	0.000	< 0.002	< 0.002	< 0.002
PAH - Sum of four substances	ug/l	S	4	4			0	0.000	0.000	0.000	0.000

WATER SUPPLY ZONE - ZS1002 - Carran Hill Camly										
Printed On 18-JAN-2022 : NI Water : Period 01-JAN-2021 to 31-DEC-2021 incl.										
Parameter	U/A & Freq.	No. of samples planned per annum	No. of samples taken in year	PCV	No. Of samples contravening PCV	% of samples contravening PCV	Concentration or value (all samples)			
							Auth Dep	Min.	Mean	Max.
Pendimethalin	AS	32	32	0	0	0.000	< 0.006	< 0.008	< 0.008	
Pesticides - Total Substances	AS	32	33	0	0	0.000	0.000	0.022	0.092	
Phorate	AS	32	33	0	0	0.000	< 0.009	< 0.011	< 0.012	
Pirimicarb	AS	32	33	0	0	0.000	< 0.006	< 0.007	< 0.008	
Propachlor	AS	32	33	0	0	0.000	< 0.010	< 0.011	< 0.012	
Propiconazole	AS	32	33	0	0	0.000	< 0.003	< 0.003	< 0.003	
Propyzamide	AS	32	32	0	0	0.000	< 0.007	< 0.007	< 0.007	
Prothioconazole	AS	32	33	0	0	0.000	< 0.002	< 0.002	< 0.002	
Selenium	S	4	4	0	0	0.000	< 0.410	< 0.410	< 0.410	
Sodium	S	4	4	0	0	0.000	12.000	13.250	15.000	
Sulphate	S	4	4	0	0	0.000	48.000	52.750	60.000	
Taste	S	4	4	0	0	0.000	0.000	0.000	0.000	
Tebuconazole	AS	32	32	0	0	0.000	< 0.004	< 0.004	< 0.004	
Tetrachloroethene/Trichloroethene - S	AS	32	33	0	0	0.000	< 0.770	< 0.778	< 0.790	
Tetrachloromethane	AS	32	33	0	0	0.000	< 0.410	< 0.410	< 0.410	
Total - Residual disinfectant	S	12	13	0	0	0.000	0.320	0.895	1.680	
Total Indicative Dose	AS	2	2	0	0	0.000	< 0.100	< 0.100	< 0.100	
Total Organic Carbon	S	4	4	0	0	0.000	2.800	3.225	3.600	
Total Trihalomethanes	S	4	4	0	0	0.000	48.000	62.750	81.000	
Total coliforms	S	12	13	0	0	0.000	0.000	0.000	0.000	
Triclopyr	AS	32	34	0	0	0.000	0.000	0.012	0.015	
Tritium	AS	2	2	0	0	0.000	< 10.000	< 10.000	< 10.000	
Turbidity	S	4	4	0	0	0.000	< 0.180	< 0.193	0.210	

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