

Scottish Water

Water Register

Date range of sample: 01/06/2019 to 31/05/2020

Regulation Zone = Clatto East

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	74	20	mg/l Pt/Co	0	< 2	< 2.45	3
Turbidity	75	4	NTU	0	< 0.20	0.25	0.60
Odour	75	0	Dilution number	0	0	0	0
Taste	76	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	75	9.5	pH units	0	7.50	7.88	8.40
Ammonium (total)	75	0.5	mg/l as NH4	0	< 0.02	< 0.03	0.04
Total organic carbon	8		mgC/l	0	0.90	1.18	1.40
Aluminium	76	200	µgAl/l	0	13	23.20	55
Iron	76	200	µgFe/l	0	< 5	9.67	79
Manganese	76	50	µgMn/l	0	< 1	1.78	4
Pesticides - Total Substances	8	0.5	µg/l	0	0	0.00	0.04
Coliform Bacteria (Total coliforms)	223	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	223	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	76	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	73		CFU/ml	0	0	0	0
Colony Counts After 48 Hours At 37øc	73		CFU/ml	0	0	0.03	1
Residual Disinfectant - Free	224		mg/l	0	0.07	0.40	0.74
Residual Disinfectant - Total	224		mg/l	0	0.10	0.47	0.94
Conductivity	75	2500	µS/cm	0	90	99.09	110
Tetrachloro methane	8	3	µg/l	0	< 0.03	< 0.05	0.08

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Tetrachloroethene/Trichloroethene - Sum Of 2 Substances	8	10	µg/l	0	< 0.20	< 0.32	0.52
Total Trihalomethanes	8	100	µg/l	0	23.50	32.48	43.70
1_2 Dichloroethane	8	3	µg/l	0	< 0.03	< 0.05	0.09
Benzene	8	1	µg/l	0	< 0.03	0.05	0.08
2_4-D	8	0.1	µg/l	0	< 0.00	< 0.00	0.01
Dicamba	8	0.1	µg/l	0	< 0.00	0.01	0.04
MCPP(Mecoprop)	8	0.1	µg/l	0	< 0.00	< 0.00	0.01
MCPA	8	0.1	µg/l	0	< 0.00	< 0.00	0.00
MCPB	8	0.1	µg/l	0	< 0.00	< 0.01	0.01
2_4-Db	8	0.1	µg/l	0	< 0.01	< 0.01	0.02
PAH - Sum Of 4 Substances	8	0.1	µg/l	0	< 0.01	< 0.01	0.01
Sulphate	7	250	mgSO4/l	0	9	13.20	14.30
Sodium	7	200	mgNa/l	0	6	6.57	7.20
Nitrate	6	50	mgNO3/l	0	0.83	1.43	2.07
Nitrite	6	0.5	mgNO2/l	0	< 0.01	< 0.01	0.02
Nitrite/Nitrate formula	6		Unitless	0	0.02	0.03	0.04
Copper	5	2	mgCu/l	0	0.00	0.00	0.01
Fluoride	7	1.5	mgF/l	0	0.04	0.08	0.12
Arsenic	6	10	µgAs/l	0	< 0.20	0.27	0.40
Cadmium	6	5	µgCd/l	0	< 0.02	< 0.02	< 0.02

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Cyanide	7	50	µgCN/l	0	< 0.80	1.36	2
Chromium	6	50	µgCr/l	0	< 0.20	0.27	0.40
Mercury	7	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	5	20	µgNi/l	0	0.30	0.42	0.80
Lead	5	10	µgPb/l	0	< 0.20	0.20	0.20
Antimony	6	5	µgSb/l	0	< 0.03	0.03	0.05
Selenium	6	10	µgSe/l	0	< 0.30	< 0.40	0.60
Enterococci (Faecal streptococci)	7	0	CFU/100ml	0	0	0	0
Chloride	6	250	mgCl/l	0	7	8	9
Boron	7	1	mgB/l	0	< 0.02	< 0.02	0.02
Benzo 3_4 Pyrene	8	0.01	µg/l	0	< 0.00	< 0.00	0.00
Bromate	7	10	µgBrO3/l	0	0.30	0.59	0.90
Gross Alpha Activity	7		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	7		Bq/l	0	0.02	0.02	0.03