

Scottish Water

Water Register

Date range of sample: 01/10/2020 to 30/09/2021

Regulation Zone = Picketlaw

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	36	20	mg/l Pt/Co	0	< 2	< 2.58	3
Turbidity	36	4	NTU	0	< 0.30	0.31	0.40
Odour	36	0	Dilution number	0	0	0	0
Taste	36	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	36	9.5	pH units	0	7.20	7.67	8
Sulphate	8	250	mgSO4/l	0	43	54.30	66.40
Sodium	8	200	mgNa/l	0	4.50	5.33	7.10
Nitrate	8	50	mgNO3/l	0	< 0.50	0.52	0.63
Nitrite	8	0.5	mgNO2/l	0	< 0.02	< 0.02	< 0.02
Nitrite/Nitrate formula	8		Unitless	0	0	0.00	0.01
Ammonium (total)	36	0.5	mg/l as NH4	0	< 0.04	< 0.04	< 0.04
Total organic carbon	9		mgC/l	0	1.10	1.63	2.30
Aluminium	36	200	µgAl/l	0	< 8	19.17	40
Iron	36	200	µgFe/l	0	< 5	10.92	38
Manganese	36	50	µgMn/l	0	< 2	7.19	47
Copper	8	2	mgCu/l	0	< 0.00	0.01	0.02
Fluoride	8	1.5	mgF/l	0	< 0.11	< 0.12	0.12
Arsenic	8	10	µgAs/l	0	< 0.40	< 0.40	< 0.40
Cadmium	8	5	µgCd/l	0	< 0.02	0.17	1.11
Cyanide	8	50	µgCN/l	0	< 1	1.29	2

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Chromium	8	50	µgCr/l	0	< 0.40	0.44	0.70
Mercury	8	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	8	20	µgNi/l	0	< 0.80	1.16	3.60
Lead	8	10	µgPb/l	0	< 0.20	0.41	1.70
Antimony	8	5	µgSb/l	0	< 0.03	0.03	0.04
Selenium	8	10	µgSe/l	0	< 0.60	< 0.60	< 0.60
Pesticides - Total Substances	15	0.5	µg/l	0	0	0.00	0.01
PAH - Sum Of 4 Substances	8	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Coliform Bacteria (Total coliforms)	96	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	96	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	8	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	36	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	36		CFU/ml	0	0	2.14	18
Colony Counts After 48 Hours At 37øc	36		CFU/ml	0	0	0	0
Residual Disinfectant - Free	96		mg/l	0	0.21	0.61	1.16
Residual Disinfectant - Total	96		mg/l	0	0.33	0.72	1.23
Conductivity	36	2500	µS/cm	0	60	162.42	189
Chloride	8	250	mgCl/l	0	6	8.13	11
Boron	8	1	mgB/l	0	< 0.02	< 0.05	0.07
Benzo 3_4 Pyrene	8	0.01	µg/l	0	< 0.00	< 0.00	< 0.00

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Tetrachloro methane	9	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	9	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	9	100	µg/l	0	21.60	39.96	74.50
1_2 Dichloroethane	9	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	9	1	µg/l	0	< 0.08	< 0.08	< 0.08
Bromate	8	10	µgBrO3/l	0	< 0.90	< 0.90	< 0.90
Gross Alpha Activity	8		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	8		Bq/l	0	< 0.02	0.02	0.02
Asulam	9		µg/l	0	< 0.00	< 0.00	< 0.00
2_4-D	8	0.1	µg/l	0	< 0.01	0.01	0.01
Dicamba	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPPP(Mecoprop)	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPA	8	0.1	µg/l	0	< 0.00	< 0.00	< 0.00
MCPB	8	0.1	µg/l	0	< 0.01	< 0.01	0.01
2_4-Db	8	0.1	µg/l	0	< 0.01	< 0.01	0.02