

Scottish Water

Water Register

Date range of sample: 01/07/2023 to 30/06/2024

Regulation Zone = Rosebery A

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	44	20	mg/l Pt/Co	0	< 0.81	2.25	3
Turbidity	44	4	NTU	0	< 0.30	0.30	0.30
Odour	44	0	Dilution number	0	0	0	0
Taste	44	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	44	9.5	pH units	0	7.80	8.20	8.70
Total organic carbon	25		mgC/l	0	1	1.25	1.70
Aluminium	44	200	µgAl/l	0	8	15.23	29
Iron	44	200	µgFe/l	0	< 6	8.68	30
Manganese	44	50	µgMn/l	0	< 2	3.25	23
Pesticides - Total Substances	13	0.5	µg/l	0	0	0	0
Coliform Bacteria (Total coliforms)	171	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	171	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	44	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	44	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	171		CFU/ml	0	0	0.09	5
Residual Disinfectant - Free	172		mg/l	0	0.18	0.42	0.70
Residual Disinfectant - Total	172		mg/l	0	0.23	0.52	0.92
Conductivity	44	2500	µS/cm	0	70	77.75	88
Chloride	44	250	mgCl/l	0	10	11.30	13
Tetrachloro methane	25	3	µg/l	0	< 0.08	0.09	0.32

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Tetrachloroethene/Trichloroethene - Sum Of 2 Substances	25	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	25	100	µg/l	0	20	28.10	42.10
1_2 Dichloroethane	25	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	25	1	µg/l	0	< 0.08	< 0.08	< 0.08
BISPHENOL A	4	2.5	µg/l	0	< 0.13	< 0.13	< 0.13
Asulam	5		µg/l	0	< 0.00	< 0.00	< 0.00
Sulphate	4	250	mgSO4/l	0	2.20	3.13	4.20
Sodium	4	200	mgNa/l	0	8.50	8.93	9.40
Nitrate	4	50	mgNO3/l	0	< 0.50	0.84	1.20
Nitrite	4	0.5	mgNO2/l	0	< 0.02	< 0.02	< 0.02
Nitrite/Nitrate formula	4		Unitless	0	0	0.01	0.02
Ammonium (total)	4	0.5	mg/l as NH4	0	< 0.04	< 0.04	< 0.04
Copper	4	2	mgCu/l	0	< 0.00	0.00	0.00
Fluoride	4	1.5	mgF/l	0	< 0.12	0.12	0.12
Arsenic	4	10	µgAs/l	0	< 0.20	0.20	0.20
Cadmium	4	5	µgCd/l	0	< 0.02	< 0.02	< 0.02
Cyanide	25	50	µgCN/l	0	< 1	1	1
Chromium	4	50	µgCr/l	0	< 0.60	< 0.60	< 0.60
Mercury	4	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	4	20	µgNi/l	0	< 0.80	< 0.80	< 0.80

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Lead	4	10	µgPb/l	0	< 1.10	< 1.10	< 1.10
Antimony	4	5	µgSb/l	0	< 0.40	< 0.40	< 0.40
Selenium	4	10	µgSe/l	0	< 1.20	< 1.20	< 1.20
PAH - Sum Of 4 Substances	4	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Boron	4	1	mgB/l	0	< 0.02	< 0.02	< 0.02
Benzo 3_4 Pyrene	4	0.01	µg/l	0	< 0.00	< 0.00	< 0.00
Chlorate	4	0.25	mg/l	0	< 0.01	< 0.01	< 0.01
Chlorite	4	0.25	mg/l	0	< 0.02	< 0.02	< 0.02
Bromate	4	10	µgBrO3/l	0	< 0.90	< 0.90	< 0.90
Gross Alpha Activity	4		Bq/l	0	< 0.04	< 0.04	< 0.04
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Uranium	4	30	µgU/l	0	< 0.04	< 0.04	< 0.04
2_4-D	4	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
Dicamba	4	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPPP(Mecoprop)	4	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPA	4	0.1	µg/l	0	< 0.00	< 0.00	< 0.00
MCPB	4	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
2_4-Db	4	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Metazachlor	4		µg/l	0	< 0.00	< 0.00	< 0.00
HAA5 Total	22	60	µg/l	0	8.40	16.24	21.20

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Microcystin LR	25	1	µg/l	0	< 0.05	< 0.05	< 0.05