

Scottish Water

Water Register

Date range of sample: 01/03/2023 to 29/02/2024

Regulation Zone = Rosebery A

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	43	20	mg/l Pt/Co	0	< 0.81	2.25	3
Turbidity	43	4	NTU	0	< 0.30	0.30	0.30
Odour	43	0	Dilution number	0	0	0	0
Taste	43	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	43	9.5	pH units	0	7.80	8.21	8.70
Nitrate	5	50	mgNO ₃ /l	0	< 0.50	1.02	1.20
Nitrite	5	0.5	mgNO ₂ /l	0	< 0.02	< 0.02	< 0.02
Nitrite/Nitrate formula	5		Unitless	0	0	0.02	0.02
Ammonium (total)	5	0.5	mg/l as NH ₄	0	< 0.04	< 0.04	< 0.04
Aluminium	44	200	µgAl/l	0	8	15.39	29
Iron	44	200	µgFe/l	0	< 6	8.61	30
Manganese	44	50	µgMn/l	0	< 2	3.32	23
Coliform Bacteria (Total coliforms)	170	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	170	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	43	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	43	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22°C	170		CFU/ml	0	0	0.11	5
Residual Disinfectant - Free	172		mg/l	0	0.18	0.43	0.70
Residual Disinfectant - Total	172		mg/l	0	0.23	0.53	0.92
Conductivity	43	2500	µS/cm	0	71	78.93	88

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Chloride	43	250	mgCl/l	0	11	11.65	13
BISPHENOL A	5	2.5	µg/l	0	< 0.13	< 0.13	< 0.13
Total organic carbon	10		mgC/l	0	1.10	1.29	1.70
Pesticides - Total Substances	13	0.5	µg/l	0	0	0	0
PAH - Sum Of 4 Substances	4	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Benzo 3_4 Pyrene	4	0.01	µg/l	0	< 0.00	< 0.00	< 0.00
Tetrachloro methane	10	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	10	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	10	100	µg/l	0	22.10	26.64	42.10
HAA5 Total	11	60	µg/l	0	15.60	17.79	21.20
1_2 Dichloroethane	10	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	10	1	µg/l	0	< 0.08	< 0.08	< 0.08
Microcystin LR	9	1	µg/l	0	< 0.05	< 0.05	< 0.05
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
MCCP(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
Sulphate	4	250	mgSO4/l	0	2.30	3.23	4.20

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Sodium	4	200	mgNa/l	0	8.50	9.33	10.20
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	10	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
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
Boron	4	1	mgB/l	0	< 0.02	< 0.02	< 0.02
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	3		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	3		Bq/l	0	< 0.04	< 0.04	< 0.04
Uranium	4	30	µgU/l	0	< 0.04	< 0.04	< 0.04
Asulam	5		µg/l	0	< 0.00	< 0.00	< 0.00

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Metazachlor	4		µg/l	0	< 0.00	< 0.00	< 0.00