

Scottish Water

Water Register

Date range of sample: 01/09/2023 to 31/07/2024

Regulation Zone = Geocrab Western Isles

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Coliform Bacteria (Total coliforms)	11	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	11	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	4	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	4	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22°C	11		CFU/ml	0	0	0	0
Residual Disinfectant - Free	11		mg/l	0	0.32	0.67	1
Residual Disinfectant - Total	11		mg/l	0	0.41	0.77	1.16
Aluminium	4	200	µgAl/l	0	18	24.25	28
Iron	4	200	µgFe/l	0	< 6	7.75	13
Manganese	4	50	µgMn/l	0	< 2	2	2
Colour	4	20	mg/l Pt/Co	0	< 2	< 2.25	3
Turbidity	4	4	NTU	0	< 0.30	< 0.30	< 0.30
Odour	4	0	Dilution number	0	0	0	0
Taste	4	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	4	9.5	pH units	0	7.70	7.78	7.90
Conductivity	4	2500	µS/cm	0	148	163.25	179
Chloride	4	250	mgCl/l	0	21	30.50	36
HAA5 Total	2	60	µg/l	0	14.90	20.75	26.60
Total organic carbon	1		mgC/l	0	0.90	0.90	0.90
Lead	3	10	µgPb/l	0	< 1.10	< 1.10	< 1.10

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Tetrachloro methane	1	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	1	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	1	100	µg/l	0	29.90	29.90	29.90
1_2 Dichloroethane	1	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	1	1	µg/l	0	< 0.08	< 0.08	< 0.08
BISPHENOL A	1	2.5	µg/l	0	< 0.13	< 0.13	< 0.13
Sulphate	1	250	mgSO4/l	0	15.50	15.50	15.50
Sodium	1	200	mgNa/l	0	31.50	31.50	31.50
Copper	1	2	mgCu/l	0	0.05	0.05	0.05
Fluoride	1	1.5	mgF/l	0	0.12	0.12	0.12
Arsenic	1	10	µgAs/l	0	< 0.20	< 0.20	< 0.20
Cadmium	1	5	µgCd/l	0	< 0.02	< 0.02	< 0.02
Cyanide	1	50	µgCN/l	0	1	1	1
Chromium	1	50	µgCr/l	0	< 0.60	< 0.60	< 0.60
Mercury	1	1	µgHg/l	0	0.03	0.03	0.03
Nickel	1	20	µgNi/l	0	< 0.80	< 0.80	< 0.80
Antimony	1	5	µgSb/l	0	< 0.40	< 0.40	< 0.40
Selenium	1	10	µgSe/l	0	< 1.20	< 1.20	< 1.20
Boron	1	1	mgB/l	0	< 0.02	< 0.02	< 0.02
Chlorate	1	0.25	mg/l	0	0.04	0.04	0.04

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Chlorite	1	0.25	mg/l	0	< 0.02	< 0.02	< 0.02
Bromate	1	10	µgBrO3/l	0	< 0.90	< 0.90	< 0.90
Gross Alpha Activity	1		Bq/l	0	< 0.04	< 0.04	< 0.04
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Uranium	1	30	µgU/l	0	< 0.04	< 0.04	< 0.04
Microcystin LR	1	1	µg/l	0	< 0.05	< 0.05	< 0.05