

Scottish Water

Water Register

Date range of sample: 01/07/2022 to 30/06/2023

Regulation Zone = Assynt

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	38	20	mg/l Pt/Co	0	< 2	2.32	5
Turbidity	37	4	NTU	0	< 0.30	0.31	0.50
Odour	38	0	Dilution number	0	0	0	0
Taste	38	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	38	9.5	pH units	0	7.20	7.66	8.10
Sulphate	5	250	mgSO4/l	0	2.20	2.28	2.30
Sodium	5	200	mgNa/l	0	5.20	5.38	5.60
Nitrate	19	50	mgNO3/l	0	< 0.50	0.74	0.94
Nitrite	40	0.5	mgNO2/l	0	< 0.02	0.02	0.06
Nitrite/Nitrate formula	19		Unitless	0	0	0.02	0.03
Ammonium (total)	38	0.5	mg/l as NH4	0	0.18	0.28	0.32
Aluminium	38	200	µgAl/l	0	15	28.47	56
Iron	38	200	µgFe/l	0	< 5	13.08	63
Manganese	38	50	µgMn/l	0	< 2	2	2
Copper	5	2	mgCu/l	0	< 0.00	0.00	0.01
Fluoride	5	1.5	mgF/l	0	< 0.11	< 0.11	0.12
Arsenic	5	10	µgAs/l	0	< 0.20	< 0.32	0.40
Cadmium	5	5	µgCd/l	0	< 0.02	< 0.02	< 0.02
Cyanide	5	50	µgCN/l	0	2	2.60	3
Chromium	5	50	µgCr/l	0	< 0.60	< 0.72	0.80

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Mercury	5	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	5	20	µgNi/l	0	< 0.80	< 0.80	< 0.80
Lead	5	10	µgPb/l	0	< 0.20	0.82	1.50
Antimony	5	5	µgSb/l	0	< 0.03	< 0.18	0.40
Selenium	5	10	µgSe/l	0	< 0.60	< 0.84	1.20
PAH - Sum Of 4 Substances	6	0.1	µg/l	0	< 0.01	< 0.01	0.02
Coliform Bacteria (Total coliforms)	94	0	CFU/100ml	1.06	0	0.01	1
E. coli (Faecal coliforms)	94	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	26	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	38	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	65		CFU/ml	0	0	0.23	6
Colony Counts After 48 Hours At 37øc	15		CFU/ml	0	0	0.13	1
Residual Disinfectant - Free	94		mg/l	0	< 0.04	0.06	0.22
Residual Disinfectant - Total	94		mg/l	0	0.50	1.06	1.64
Conductivity	38	2500	µS/cm	0	32	53.92	66
Chloride	27	250	mgCl/l	0	11	12.33	13
Boron	5	1	mgB/l	0	< 0.01	< 0.02	0.02
Benzo 3_4 Pyrene	6	0.01	µg/l	0	< 0.00	< 0.00	< 0.00
Bromate	5	10	µgBrO3/l	0	< 0.90	< 0.90	< 0.90
Gross Alpha Activity	5		Bq/l	0	< 0.04	< 0.04	< 0.04

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Gross Beta Activity	5		Bq/l	0	< 0.02	0.03	0.04
Total organic carbon	5		mgC/l	0	1.20	1.52	1.70
Tetrachloro methane	5	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	5	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	5	100	µg/l	0	11.40	19.08	24.30
1_2 Dichloroethane	5	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	5	1	µg/l	0	< 0.08	< 0.08	< 0.08
Chlorate	2	0.25	mg/l	0	0.03	0.07	0.10
Chlorite	2	0.25	mg/l	0	< 0.02	< 0.02	< 0.02
Uranium	2	30	µgU/l	0	< 0.04	0.06	0.07
Microcystin LR	2	1	µg/l	0	< 0.05	< 0.05	< 0.05
HAA5 Total	1	60	µg/l	0	10.90	10.90	10.90
BISPHENOL A	2	2.5	µg/l	0	< 0.13	< 0.13	< 0.13