

Scottish Water

Water Register

Date range of sample: 01/07/2021 to 30/06/2022

Regulation Zone = Perth

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	52	20	mg/l Pt/Co	0	< 2	2	2
Turbidity	52	4	NTU	0	< 0.30	0.31	0.50
Odour	52	0	Dilution number	0	0	0	0
Taste	52	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	52	9.5	pH units	0	7.70	8.32	9
Sulphate	7	250	mgSO4/l	0	1.50	12.93	16.40
Sodium	7	200	mgNa/l	0	5.50	5.80	6.60
Nitrate	8	50	mgNO3/l	0	< 0.50	2.05	3.01
Nitrite	8	0.5	mgNO2/l	0	< 0.02	< 0.02	< 0.02
Nitrite/Nitrate formula	8		Unitless	0	0	0.04	0.06
Ammonium (total)	52	0.5	mg/l as NH4	0	< 0.04	0.04	0.05
Total organic carbon	8		mgC/l	0	0.70	0.88	1.20
Aluminium	52	200	µgAl/l	0	21	34.40	67
Iron	52	200	µgFe/l	0	< 5	6.46	36
Manganese	52	50	µgMn/l	0	< 2	3.27	13
Copper	7	2	mgCu/l	0	< 0.00	0.01	0.01
Fluoride	7	1.5	mgF/l	0	< 0.12	< 0.12	< 0.12
Arsenic	7	10	µgAs/l	0	< 0.40	< 0.40	< 0.40
Cadmium	7	5	µgCd/l	0	< 0.02	0.02	0.02
Cyanide	7	50	µgCN/l	0	< 1	1	1

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Chromium	7	50	µgCr/l	0	< 0.40	0.46	0.80
Mercury	7	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	7	20	µgNi/l	0	< 0.80	< 0.80	< 0.80
Lead	6	10	µgPb/l	0	< 0.20	0.50	1.60
Antimony	7	5	µgSb/l	0	< 0.03	0.04	0.07
Selenium	7	10	µgSe/l	0	< 0.60	< 0.60	< 0.60
Pesticides - Total Substances	14	0.5	µg/l	0	0	0	0
PAH - Sum Of 4 Substances	8	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Coliform Bacteria (Total coliforms)	143	0	CFU/100ml	0.70	0	0.01	1
E. coli (Faecal coliforms)	143	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	7	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	52	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	51		CFU/ml	0	0	0.80	39
Colony Counts After 48 Hours At 37øc	51		CFU/ml	0	0	0	0
Residual Disinfectant - Free	143		mg/l	0	0.04	0.44	0.85
Residual Disinfectant - Total	143		mg/l	0	0.07	0.49	0.89
Conductivity	52	2500	µS/cm	0	106	128.98	148
Chloride	8	250	mgCl/l	0	4	8.25	10
Boron	7	1	mgB/l	0	< 0.02	< 0.02	< 0.02
Benzo 3_4 Pyrene	8	0.01	µg/l	0	< 0.00	< 0.00	< 0.00

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Tetrachloro methane	8	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	7	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	8	100	µg/l	0	25.60	38.74	54.20
1_2 Dichloroethane	8	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	8	1	µg/l	0	< 0.08	< 0.08	< 0.08
Bromate	7	10	µgBrO3/l	0	< 0.90	0.99	1.50
Gross Alpha Activity	7		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	7		Bq/l	0	< 0.02	0.02	0.03
Asulam	8		µg/l	0	< 0.00	< 0.00	< 0.00
2_4-D	7	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
Dicamba	7	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPPP(Mecoprop)	7	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPA	7	0.1	µg/l	0	< 0.00	< 0.00	< 0.00
MCPB	7	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
2_4-Db	7	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Metalddehyde	8		µg/l	0	< 0.00	< 0.00	< 0.00