

Scottish Water

Water Register

Date range of sample: 01/09/2023 to 31/08/2024

Regulation Zone = Mannofield West

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	50	20	mg/l Pt/Co	0	< 2	2.28	3
Turbidity	50	4	NTU	0	< 0.30	0.31	0.60
Odour	50	0	Dilution number	0	0	0	0
Taste	50	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	50	9.5	pH units	0	7.20	7.38	7.60
Sulphate	5	250	mgSO4/l	0	3.80	4.30	4.80
Sodium	5	200	mgNa/l	0	6.90	8.30	9.60
Nitrate	5	50	mgNO3/l	0	1.41	2.13	3.40
Nitrite	50	0.5	mgNO2/l	0	< 0.02	0.02	0.12
Nitrite/Nitrate formula	5		Unitless	0	0.03	0.04	0.07
Ammonium (total)	50	0.5	mg/l as NH4	0	0.22	0.35	0.49
Aluminium	50	200	µgAl/l	0	< 8	13.64	37
Iron	50	200	µgFe/l	0	< 6	11	47
Manganese	50	50	µgMn/l	0	2	4.60	12
Copper	5	2	mgCu/l	0	0.01	0.06	0.12
Fluoride	5	1.5	mgF/l	0	< 0.12	0.12	0.14
Arsenic	5	10	µgAs/l	0	< 0.20	< 0.20	< 0.20
Cadmium	5	5	µgCd/l	0	< 0.02	0.02	0.02
Cyanide	37	50	µgCN/l	0	< 1	2.41	8
Chromium	5	50	µgCr/l	0	< 0.60	< 0.60	< 0.60

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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
Antimony	5	5	µgSb/l	0	< 0.40	< 0.40	< 0.40
Selenium	5	10	µgSe/l	0	< 1.20	< 1.20	< 1.20
Pesticides - Total Substances	17	0.5	µg/l	0	0	0.00	0.01
Coliform Bacteria (Total coliforms)	199	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	199	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	49	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	49	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	199		CFU/ml	0	0	2.64	300
Residual Disinfectant - Free	199		mg/l	0	< 0.04	0.08	0.73
Residual Disinfectant - Total	199		mg/l	0	0.54	1.19	1.81
Conductivity	50	2500	µS/cm	0	84	100.46	117
Chloride	50	250	mgCl/l	0	16	18.86	23
Boron	5	1	mgB/l	0	< 0.02	< 0.02	< 0.02
Chlorate	37	0.25	mg/l	0	0.03	0.09	0.23
Chlorite	37	0.25	mg/l	0	< 0.02	< 0.02	< 0.02
Bromate	37	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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Uranium	5	30	µgU/l	0	< 0.04	0.04	0.04
BISPHENOL A	4	2.5	µg/l	0	< 0.13	< 0.13	< 0.13
Asulam	7		µg/l	0	< 0.00	< 0.00	< 0.00
Metsulfuron	7	0.1	µg/l	0	< 0.00	< 0.00	< 0.00
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
Microcystin LR	36	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
MCPP(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
Total organic carbon	36		mgC/l	0	1	1.26	1.80
Tetrachloro methane	36	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	36	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalomethanes	36	100	µg/l	0	6.10	12.07	22.20
HAA5 Total	33	60	µg/l	0	2.40	8.66	17
1_2 Dichloroethane	36	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	36	1	µg/l	0	< 0.08	< 0.08	< 0.08

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Lead	35	10	µgPb/l	0	< 1.10	1.17	2.30
Thifensulfuron-methyl	4	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
Tribenuron-methyl	4		µg/l	0	< 0.00	< 0.00	< 0.00