

Scottish Water

Water Register

Date range of sample: 01/08/2020 to 31/07/2021

Regulation Zone = Rosebery A

Page 1 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	48	20	mg/l Pt/Co	0	< 2	2.75	3
Turbidity	48	4	NTU	0	< 0.30	0.30	0.40
Odour	48	0	Dilution number	0	0	0	0
Taste	48	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	48	9.5	pH units	0	7.10	7.92	8.90
Nitrate	7	50	mgNO ₃ /l	0	< 0.50	0.83	1.20
Nitrite	7	0.5	mgNO ₂ /l	0	< 0.02	< 0.02	< 0.02
Nitrite/Nitrate formula	7		Unitless	0	0	0.01	0.02
Ammonium (total)	48	0.5	mg/l as NH ₄	0	< 0.04	< 0.04	< 0.04
Aluminium	49	200	µgAl/l	0	11	19.49	32
Iron	49	200	µgFe/l	0	< 5	6.65	10
Manganese	49	50	µgMn/l	0	< 2	3.27	31
Pesticides - Total Substances	14	0.5	µg/l	0	0	0.01	0.05
PAH - Sum Of 4 Substances	9	0.1	µg/l	0	< 0.01	< 0.01	0.02
Coliform Bacteria (Total coliforms)	156	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	156	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 22°C	48		CFU/ml	0	0	0.15	4
Colony Counts After 48 Hours At 37°C	48		CFU/ml	0	0	0.02	1
Residual Disinfectant - Free	156		mg/l	0	0.28	0.60	1.02

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Page 2 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Residual Disinfectant - Total	156		mg/l	0	0.38	0.70	1.06
Conductivity	48	2500	µS/cm	0	63	73.67	85
Chloride	7	250	mgCl/l	0	10	11.57	13
Benzo 3_4 Pyrene	10	0.01	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
MCPP(Mec oprop)	7	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPA	7	0.1	µg/l	0	< 0.00	0.01	0.05
MCPB	7	0.1	µg/l	0	< 0.01	< 0.01	0.01
2 4-Db	7	0.1	µg/l	0	< 0.01	< 0.01	0.02
Asulam	9		µg/l	0	< 0.00	< 0.00	< 0.00
Metazachlor	8		µg/l	0	< 0.00	< 0.00	< 0.00
Sulphate	7	250	mgSO4/l	0	2.10	2.51	3.10
Sodium	7	200	mgNa/l	0	3.60	3.83	4.20
Total organic carbon	7		mgC/l	0	1.10	1.20	1.40
Copper	7	2	mgCu/l	0	0.00	0.00	0.00
Fluoride	7	1.5	mgF/l	0	< 0.11	< 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	< 1.43	2

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Page 3 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Chromium	7	50	µgCr/l	0	< 0.40	< 0.40	< 0.40
Mercury	7	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	7	20	µgNi/l	0	< 0.80	1.14	3
Lead	7	10	µgPb/l	0	< 0.20	0.29	0.80
Antimony	7	5	µgSb/l	0	< 0.03	0.04	0.08
Selenium	7	10	µgSe/l	0	< 0.60	< 0.60	< 0.60
Enterococci (Faecal streptococci)	7	0	CFU/100ml	0	0	0	0
Boron	7	1	mgB/l	0	< 0.02	< 0.06	0.07
Tetrachloro methane	7	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	7	100	µg/l	0	19.30	30.74	40.10
1_2 Dichloroethane	7	3	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	7	1	µg/l	0	< 0.08	< 0.08	< 0.08
Bromate	7	10	µgBrO3/l	0	< 0.90	< 0.90	< 0.90
Gross Alpha Activity	7		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	7		Bq/l	0	< 0.02	0.02	0.02