

Scottish Water

Water Register

Date range of sample: 01/12/2018 to 30/11/2019

Regulation Zone = Killiecrankie

Page 1 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	12	20	mg/l Pt/Co	0	< 2	< 2	< 2
Turbidity	12	4	NTU	0	< 0.20	0.22	0.30
Odour	12	0	Dilution number	0	0	0	0
Taste	12	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	12	9.5	pH units	0	8	8.12	8.20
Sulphate	8	250	mgSO ₄ /l	0	9	12.36	23.30
Sodium	8	200	mgNa/l	0	9.10	10.78	12.60
Nitrate	7	50	mgNO ₃ /l	0	< 0.50	0.62	0.77
Nitrite	7	0.5	mgNO ₂ /l	0	< 0.01	< 0.01	< 0.01
Nitrite/Nitrate formula	7		Unitless	0	0	0.01	0.02
Ammonium (total)	12	0.5	mg/l as NH ₄	0	< 0.02	< 0.02	< 0.02
Total organic carbon	8		mgC/l	0	0.50	0.85	1.60
Aluminium	12	200	µgAl/l	0	10	23.58	51
Iron	12	200	µgFe/l	0	< 7	< 7	< 7
Manganese	12	50	µgMn/l	0	< 1	2.25	5
Copper	7	2	mgCu/l	0	< 0.00	0.00	0.02
Fluoride	8	1.5	mgF/l	0	< 0.04	0.05	0.06
Arsenic	7	10	µgAs/l	0	< 0.20	< 0.20	< 0.20
Cadmium	7	5	µgCd/l	0	< 0.02	< 0.02	< 0.02
Cyanide	8	50	µgCN/l	0	< 0.80	0.80	0.80

Scottish Water

Water Register

Date range of sample: 01/12/2018 to 30/11/2019

Regulation Zone = Killiecrankie

Page 2 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Chromium	7	50	µgCr/l	0	< 0.20	< 0.20	< 0.20
Mercury	8	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	7	20	µgNi/l	0	0.20	0.56	1.40
Lead	7	10	µgPb/l	0	< 0.20	0.29	0.60
Antimony	7	5	µgSb/l	0	0.02	0.03	0.04
Selenium	7	10	µgSe/l	0	< 0.30	< 0.30	< 0.30
PAH - Sum Of 4 Substances	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
Coliform Bacteria (Total coliforms)	24	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	24	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	8	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	12	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	12		CFU/ml	0	0	0.08	1
Colony Counts After 48 Hours At 37øc	12		CFU/ml	0	0	0	0
Residual Disinfectant - Free	24		mg/l	0	0.10	0.33	0.49
Residual Disinfectant - Total	24		mg/l	0	0.17	0.37	0.57
Conductivity	12	2500	µS/cm	0	108	151.58	179
Chloride	7	250	mgCl/l	0	9	10.86	14
Boron	8	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
Tetrachloro methane	8	3	µg/l	0	< 0.03	< 0.03	< 0.03

Scottish Water

Water Register

Date range of sample: 01/12/2018 to 30/11/2019

Regulation Zone = Killiecrankie

Page 3 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	8	10	µg/l	0	< 0.20	< 0.20	< 0.20
Total Trihalomethanes	8	100	µg/l	0	17.70	30.84	55.30
1_2 Dichloroethane	8	3	µg/l	0	< 0.03	< 0.03	< 0.03
Benzene	8	1	µg/l	0	< 0.03	< 0.03	< 0.03
Bromate	8	10	µgBrO3/l	0	< 0.30	< 0.30	< 0.30
Gross Alpha Activity	8		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	8		Bq/l	0	0.02	0.03	0.03
Pesticides - Total Substances	9	0.5	µg/l	0	0	0	0
Asulam	9		µg/l	0	< 0.00	< 0.00	< 0.00