

Scottish Water

Water Register

Date range of sample: 01/09/2019 to 31/08/2020

Regulation Zone = Glencorse C

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	51	20	mg/l Pt/Co	0	< 2	2.69	3
Turbidity	51	4	NTU	0	< 0.20	0.27	0.30
Odour	51	0	Dilution number	0	0	0	0
Taste	51	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	51	9.5	pH units	0	7.50	8.02	8.60
Nitrate	50	50	mgNO ₃ /l	0	1.05	1.63	2.64
Nitrite	50	0.5	mgNO ₂ /l	0	< 0.01	0.02	0.13
Nitrite/Nitrate formula	50		Unitless	0	0.02	0.04	0.07
Ammonium (total)	51	0.5	mg/l as NH ₄	0	0.22	0.28	0.31
Aluminium	50	200	µgAl/l	0	18	26.66	41
Iron	50	200	µgFe/l	0	< 7	13.62	152
Manganese	50	50	µgMn/l	0	6	7.76	10
Coliform Bacteria (Total coliforms)	151	0	CFU/100ml	0	0	0	0
E. coli (Faecal coliforms)	151	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	51	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22°C	51		CFU/ml	0	0	0.08	4
Colony Counts After 48 Hours At 37°C	51		CFU/ml	0	0	0.04	2
Residual Disinfectant - Free	151		mg/l	0	< 0.04	0.06	0.12
Residual Disinfectant - Total	151		mg/l	0	0.89	1.09	1.25
Conductivity	51	2500	µS/cm	0	73	84.88	101

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Sulphate	8	250	mgSO ₄ /l	0	10.70	12.33	14.50
Sodium	8	200	mgNa/l	0	4.30	4.89	5.60
Total organic carbon	9		mgC/l	0	0.50	0.87	1.20
Copper	4	2	mgCu/l	0	< 0.00	0.00	0.01
Fluoride	8	1.5	mgF/l	0	0.04	0.10	0.12
Arsenic	7	10	µgAs/l	0	0.20	0.34	0.40
Cadmium	7	5	µgCd/l	0	< 0.02	0.02	0.02
Cyanide	8	50	µgCN/l	0	< 0.80	1.93	2.60
Chromium	7	50	µgCr/l	0	0.20	0.34	0.40
Mercury	8	1	µgHg/l	0	< 0.02	< 0.02	< 0.02
Nickel	4	20	µgNi/l	0	0.30	0.58	0.80
Lead	4	10	µgPb/l	0	< 0.20	0.40	1
Antimony	7	5	µgSb/l	0	0.02	0.03	0.05
Selenium	7	10	µgSe/l	0	< 0.30	< 0.51	0.60
Pesticides - Total Substances	7	0.5	µg/l	0	0	0	0
PAH - Sum Of 4 Substances	9	0.1	µg/l	0	< 0.01	< 0.01	0.02
Enterococci (Faecal streptococci)	8	0	CFU/100ml	0	0	0	0
Chloride	7	250	mgCl/l	0	5	6.14	8
Boron	8	1	mgB/l	0	< 0.02	< 0.02	0.02
Benzo 3_4 Pyrene	9	0.01	µg/l	0	< 0.00	< 0.00	0.00

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Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Tetrachloro methane	9	3	µg/l	0	< 0.03	< 0.06	0.08
Tetrachloro ethene/Trichloroethene - Sum Of 2 Substances	9	10	µg/l	0	< 0.20	< 0.41	0.52
Total Trihalomethanes	9	100	µg/l	0	5.20	7.64	10.80
1_2 Dichloroethane	9	3	µg/l	0	< 0.03	< 0.07	0.09
Benzene	9	1	µg/l	0	< 0.03	< 0.06	0.08
Bromate	8	10	µgBrO ₃ /l	0	< 0.30	0.84	1.40
Gross Alpha Activity	9		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	8		Bq/l	0	< 0.02	0.02	0.02
2_4-D	7	0.1	µg/l	0	< 0.00	< 0.00	0.01
Dicamba	7	0.1	µg/l	0	< 0.00	< 0.01	0.01
MCPP(Mecoprop)	7	0.1	µg/l	0	< 0.00	< 0.01	0.01
MCPA	7	0.1	µg/l	0	< 0.00	< 0.00	0.00
MCPB	7	0.1	µg/l	0	< 0.00	< 0.01	0.01
2_4-Db	7	0.1	µg/l	0	< 0.01	< 0.01	0.02