

Scottish Water

Water Register

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

Regulation Zone = Glencorse B

Page 1 of 3

Parameter Name	No. of Results	PCV	Units of Measure	Results Failing PCV (%)	Min	Mean	Max
Colour	76	20	mg/l Pt/Co	0	< 2	2.74	4
Turbidity	76	4	NTU	0	< 0.30	0.32	0.70
Odour	76	0	Dilution number	0	0	0	0
Taste	76	0	Dilution number	0	0	0	0
Hydrogen ion (pH)	76	9.5	pH units	0	7.50	8.05	8.50
Sulphate	8	250	mgSO4/l	0	9	11.08	12.50
Sodium	8	200	mgNa/l	0	3.90	4.39	5.20
Nitrate	75	50	mgNO3/l	0	0.99	1.69	2.85
Nitrite	75	0.5	mgNO2/l	0	< 0.02	0.02	0.14
Nitrite/Nitrate formula	75		Unitless	0	0.02	0.04	0.07
Ammonium (total)	75	0.5	mg/l as NH4	0	0.16	0.26	0.33
Total organic carbon	9		mgC/l	0	0.60	1.07	2.90
Aluminium	76	200	µgAl/l	0	< 16	25.01	39
Iron	76	200	µgFe/l	2.63	< 5	19.14	276
Manganese	76	50	µgMn/l	0	< 2	6.84	10
Fluoride	8	1.5	mgF/l	0	< 0.12	< 0.12	< 0.12
Arsenic	8	10	µgAs/l	0	< 0.40	< 0.40	< 0.40
Cadmium	8	5	µgCd/l	0	< 0.02	0.02	0.02
Chromium	8	50	µgCr/l	0	< 0.40	< 0.40	< 0.40
Mercury	8	1	µgHg/l	0	< 0.02	< 0.02	< 0.02

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Page 2 of 3

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Antimony	8	5	µgSb/l	0	< 0.03	0.04	0.06
Selenium	8	10	µgSe/l	0	< 0.60	< 0.60	< 0.60
PAH - Sum Of 4 Substances	9	0.1	µg/l	0	< 0.02	< 0.02	< 0.02
Coliform Bacteria (Total coliforms)	215	0	CFU/100ml	0.47	0	0.93	200
E. coli (Faecal coliforms)	215	0	CFU/100ml	0	0	0	0
Enterococci (Faecal streptococci)	8	0	CFU/100ml	0	0	0	0
Clostridium perfringens (Sulphite Reducing Clostridia)	76	0	CFU/100ml	0	0	0	0
Colony Counts After 3 Days At 22øc	76		CFU/ml	0	0	0.13	3
Colony Counts After 48 Hours At 37øc	76		CFU/ml	0	0	0.03	1
Residual Disinfectant - Free	214		mg/l	0	0.04	0.06	0.16
Residual Disinfectant - Total	214		mg/l	0	0.71	1.08	1.24
Conductivity	76	2500	µS/cm	0	63	80.21	97
Chloride	7	250	mgCl/l	0	5	5.57	6
Boron	8	1	mgB/l	0	< 0.02	< 0.05	0.07
Benzo 3_4 Pyrene	9	0.01	µg/l	0	< 0.00	< 0.00	< 0.00
Tetrachloro methane	9	3	µg/l	0	< 0.08	< 0.08	< 0.08
Tetrachloro ethene/Tric hloroethene - Sum Of 2 Substances	9	10	µg/l	0	< 0.52	< 0.52	< 0.52
Total Trihalometh anes	9	100	µg/l	0	< 4.90	7.44	11.20

1_2 Dichloroethane	93	µg/l	0	< 0.09	< 0.09	< 0.09
Benzene	91	µg/l	0	< 0.08	< 0.08	< 0.08

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Page 3 of 3

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Bromate	8	10	µgBrO3/l	0	< 0.90	1	1.50
Gross Alpha Activity	8		Bq/l	0	< 0.04	< 0.04	< 0.04
Gross Beta Activity	8		Bq/l	0	< 0.02	0.02	0.02
Pesticides - Total Substances	8	0.5	µg/l	0	0	0	0
2_4-D	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
Dicamba	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPP(Mecoprop)	8	0.1	µg/l	0	< 0.01	< 0.01	< 0.01
MCPA	8	0.1	µg/l	0	< 0.00	< 0.00	< 0.00
MCPB	8	0.1	µg/l	0	< 0.01	< 0.01	0.01
2_4-Db	8	0.1	µg/l	0	< 0.01	< 0.01	0.02
Copper	7	2	mgCu/l	0	0.00	0.00	0.01
Cyanide	8	50	µgCN/l	0	< 1	< 1.38	2
Nickel	7	20	µgNi/l	0	< 0.80	0.80	0.80
Lead	7	10	µgPb/l	0	< 0.20	0.59	2.80