

Glenreagh Water Summary Report March 2025

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-03-2024 - 31-03-2025	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Glenreagh CV04	Sample Types: 52 Samples

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
Chemistry													
	Aluminium	0.2000	mg/L	0.2500	0.2100	0.1931	0.08	0.46	3	2	0.46	0.08	33.33
	Antimony	0.0030	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	3	0	0.0001	0.0001	100.00
	Arsenic	0.0100	mg/L	0.0007	0.0005	0.0003	0.0005	0.001	3	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0154	0.0154	0.0003	0.0152	0.0157	3	0	0.0157	0.0152	100.00
	Boron	4.0000	mg/L	0.0070	0.0065	0.0015	0.0058	0.0087	3	0	0.0087	0.0058	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	3	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	2.7333	2.6000	0.2309	2.6	3	3	0	3	2.6	100.00
	Chloride	250.0000	mg/L	9.3333	9.0000	0.5774	9	10	3	0	10	9	100.00
	Chromium	0.0500	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	3	0	0.0005	0.0005	100.00
	Copper	2.0000	mg/L	0.0633	0.0500	0.0640	0.007	0.133	3	0	0.133	0.007	100.00
	Fluoride	1.5000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	3	0	0.05	0.05	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	3	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0433	0.0500	0.0208	0.02	0.06	3	0	0.06	0.02	100.00
	Lead	0.0100	mg/L	0.0019	0.0010	0.0021	0.0003	0.0043	3	0	0.0043	0.0003	100.00

	Magnesium	10000.0000	mg/L	1.2000	1.1900	0.1353	1.07	1.34	3	0	1.34	1.07	100.00
	Manganese	0.5000	mg/L	0.0007	0.0007	0.0003	0.0004	0.0009	3	0	0.0009	0.0004	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	3	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	3	0	0.0001	0.00005	100.00
	Nickel	0.0200	mg/L	0.0003	0.0004	0.0001	0.0002	0.0004	3	0	0.0004	0.0002	100.00
	Nitrate	50.0000	mg/L	0.8333	1.0000	0.2887	0.5	1	3	0	1	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	3	0	0.05	0.05	100.00
	pH	6.5 - 8.5		6.3000	6.4000	0.3606	5.9	6.6	3	2	6.6	5.9	33.33
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	3	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	3	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	6.3333	6.0000	0.5774	6	7	3	0	7	6	100.00
	Sulfate	250.0000	mg/L	10.3333	10.0000	0.5774	10	11	3	0	11	10	100.00
	Total Dissolved Solids	10000.0000	mg/L	34.6667	35.0000	6.5064	28	41	3	0	41	28	100.00
	Total Hardness as CaCO3	200.0000	mg/L	11.7667	11.9000	0.3215	11.4	12	3	0	12	11.4	100.00
	True Colour	15.0000	Hazen Units (HU)	0.6667	0.5000	0.2887	0.5	1	3	0	1	0.5	100.00
	Turbidity	5.0000	NTU	0.2000	0.2000	0.1000	0.1	0.3	3	0	0.3	0.1	100.00
	Uranium	0.0200	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	3	0	0.00005	0.00005	100.00
	Zinc	3.0000	mg/L	0.0117	0.0100	0.0076	0.005	0.02	3	0	0.02	0.005	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	49	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	2.2371	2.2500	0.5959	0.02	3.46	49	1	3.16	1.45	97.96
	pH	6.5 - 8.5		6.2900	6.1500	0.4431	5.5	7.4	40	30	7.3	5.7	25.00
	Temperature	30.0000	C	21.2082	22.0000	3.6711	13.5	26.2	49	0	25.7	14.9	100.00
	Total Chlorine	5.0000	mg/L	2.4239	2.4400	0.5419	0.98	3.54	49	0	3.43	1.67	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	49	0	0	0	100.00
	Turbidity	5.0000	NTU	0.4000	0.4000	0.0000	0.4	0.4	1	0	0.4	0.4	100.00