

Water Quality Results - Microbiology & Chemistry

Goolgowi

1 January 2023 - 31 December 2023

Analysis Type	Characteristic	Guideline Value	Units	Min	Max	Sample Count	% meeting guideline values
Chemistry	Aluminium	0.2000	mg/L	0.005	0.01	2	100.00
	Antimony	0.0030	mg/L	0.00005	0.00005	2	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	2	100.00
	Barium	2.0000	mg/L	0.0673	0.0761	2	100.00
	Boron	4.0000	mg/L	0.1441	0.1607	2	100.00
	Cadmium	0.0020	mg/L	0.00005	0.00005	2	100.00
	Calcium	10000.0000	mg/L	13.2	13.6	2	100.00
	Chloride	250.0000	mg/L	147	156	2	100.00
	Chromium	0.0500	mg/L	0.001	0.002	2	100.00
	Copper	2.0000	mg/L	0.006	0.052	2	100.00
	Fluoride	1.5000	mg/L	0.46	0.5	2	100.00
	Iodine	0.5000	mg/L	0.2	0.2	2	100.00
	Iron	0.3000	mg/L	0.005	0.005	2	100.00
	Lead	0.0100	mg/L	0.0004	0.0007	2	100.00
	Magnesium	10000.0000	mg/L	18.82	19.36	2	100.00
	Manganese	0.5000	mg/L	0.00015	0.00015	2	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	2	100.00
	Molybdenum	0.0500	mg/L	0.0002	0.0003	2	100.00
	Nickel	0.0200	mg/L	0.0002	0.0005	2	100.00
	Nitrate	50.0000	mg/L	0.5	0.5	2	100.00
	Nitrite	3.0000	mg/L	0.05	0.05	2	100.00
	pH	6.5 - 8.5		7.5	7.5	2	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	2	100.00
Silver	0.1000	mg/L	0.0001	0.0001	2	100.00	
Sodium	180.0000	mg/L	119	123	2	100.00	

	Sulfate	250.0000	mg/L	32	33	2	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	332	335	2	100.00
	Total Hardness as CaCO3	200.0000	mg/L	111.5	112.7	2	100.00
	True Colour	15.0000	Hazen Units (HU)	0.5	0.5	2	100.00
	Turbidity	5.0000	NTU	0.05	0.05	2	100.00
	Uranium	0.0170	mg/L	0.00005	0.0001	2	100.00
	Zinc	3.0000	mg/L	0.02	0.04	2	100.00
Microbiology							
	E. coli	0.0000	mpn/100 mL	0	0	16	100.00
	Free Chlorine	0.2 - 5	mg/L	0.56	1	16	100.00
	pH	6.5 - 8.5		7.47	7.89	15	100.00
	Temperature	30.0000	C	7.5	26.4	3	100.00
	Total Chlorine	5.0000	mg/L	0.58	1.09	16	100.00
	Total Coliforms	0.0000	mpn/100 mL	0	0	15	100.00
	Turbidity	5.0000	NTU	0.01	0.01	16	100.00