

Supply System: Dorrigo BE02

Characteristics: All

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	% meeting guideline
Chemistry	Aluminium	0.2000	mg/L	0.0350	0.0350	0.0212	0.02	0.05	2	0	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	100.00
	Barium	2.0000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	2	0	100.00
	Calcium	10000.0000	mg/L	8.7500	8.7500	1.6263	7.6	9.9	2	0	100.00
	Chloride	250.0000	mg/L	6.5000	6.5000	0.7071	6	7	2	0	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	100.00
	Copper	2.0000	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	100.00
	Fluoride	1.5000	mg/L	0.9300	0.9300	0.0000	0.93	0.93	2	0	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9200	0.9200	0.0141	0.91	0.93	2	0	100.00
	Fluoride Ratio	0.8 - 1.2		0.9900	0.9900	0.0141	0.98	1	2	0	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	100.00
	Iron	0.3000	mg/L	0.0225	0.0225	0.0247	0.005	0.04	2	0	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	100.00
	Magnesium	10000.0000	mg/L	0.7600	0.7600	0.0566	0.72	0.8	2	0	100.00
	Manganese	0.5000	mg/L	0.0073	0.0073	0.0067	0.0025	0.012	2	0	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	2	0	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	2	0	100.00
	Nitrate	50.0000	mg/L	1.0000	1.0000	0.0000	1	1	2	0	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	100.00
	pH	6.5 - 8.5		7.6500	7.6500	0.0707	7.6	7.7	2	0	100.00
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	100.00
	Sodium	180.0000	mg/L	30.0000	30.0000	9.8995	23	37	2	0	100.00
	Sulfate	500.0000	mg/L	17.5000	17.5000	0.7071	17	18	2	0	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	100.0000	100.0000	18.3848	87	113	2	0	100.00
	Total Hardness as CaCO3	200.0000	mg/L	24.9500	24.9500	4.3134	21.9	28	2	0	100.00
True Colour	15.0000	Hazen Units (HU)	1.0000	1.0000	0.0000	1	1	2	0	100.00	
Turbidity	5.0000	NTU	0.1000	0.1000	0.0000	0.1	0.1	2	0	100.00	
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	100.00	
Zinc	3.0000	mg/L	0.0075	0.0075	0.0035	0.005	0.01	2	0	100.00	
Fluoride Barcode	Fluoride	1.5000	mg/L	0.8590	0.9150	0.2543	0.16	1.05	10	0	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9050	0.9650	0.2486	0.21	1.08	10	0	100.00
	Fluoride Ratio	0.8 - 1.2		1.0770	1.0400	0.1037	0.95	1.31	10	1	90.00
Microbiology	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	46	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4676	0.4850	0.0914	0.24	0.69	46	0	100.00
	Total Chlorine	5.0000	mg/L	0.4300	0.4300	0.0000	0.43	0.43	1	0	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.1087	0.0000	0.7372	0	5	46	1	97.83
	Turbidity	5.0000	NTU	0.3372	0.2000	0.6066	0.09	4.21	47	0	100.00
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9826	0.9760	0.0585	0.79	1.16	339	21	93.81
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9725	0.9700	0.0439	0.887	1.08	75	2	97.33