

Result Summary Report

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2022 - 31-12-2022	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Dorrigo BE02	Sample Types: All

Sample Count: 66

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	0.0300	0.0300	0.0141	0.02	0.04	2	0	0.04	0.02	100.00
	Antimony	0.0030	mg/L	0.0002	0.0002	0.0000	0.0002	0.0002	2	0	0.0002	0.0002	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0115	0.0115	0.0004	0.0112	0.0118	2	0	0.0118	0.0112	100.00
	Boron	4.0000	mg/L	0.0060	0.0060	0.0011	0.0052	0.0068	2	0	0.0068	0.0052	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	6.5000	6.5000	0.5657	6.1	6.9	2	0	6.9	6.1	100.00
	Chloride	250.0000	mg/L	6.0000	6.0000	0.0000	6	6	2	0	6	6	100.00
	Chromium	0.0500	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	100.00
	Copper	2.0000	mg/L	0.0100	0.0100	0.0028	0.008	0.012	2	0	0.012	0.008	100.00

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
Chemistry	Fluoride	1.5000	mg/L	0.9500	0.9500	0.0141	0.94	0.96	2	0	0.96	0.94	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9500	0.9500	0.0424	0.92	0.98	2	0	0.98	0.92	100.00
	Fluoride Ratio	0.8 - 1.2		1.0000	1.0000	0.0283	0.98	1.02	2	0	1.02	0.98	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0150	0.0150	0.0071	0.01	0.02	2	0	0.02	0.01	100.00
	Lead	0.0100	mg/L	0.0006	0.0006	0.0000	0.0006	0.0006	2	0	0.0006	0.0006	100.00
	Magnesium	10000.0000	mg/L	0.6100	0.6100	0.0141	0.6	0.62	2	0	0.62	0.6	100.00
	Manganese	0.5000	mg/L	0.0017	0.0017	0.0011	0.0009	0.0024	2	0	0.0024	0.0009	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	2	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	2	0	0.0001	0.0001	100.00
	Nickel	0.0200	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	100.00
	Nitrate	50.0000	mg/L	1.0000	1.0000	0.0000	1	1	2	0	1	1	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.0500	7.0500	0.2121	6.9	7.2	2	0	7.2	6.9	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	2	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	2	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	36.0000	36.0000	2.8284	34	38	2	0	38	34	100.00
	Sulfate	500.0000	mg/L	21.0000	21.0000	1.4142	20	22	2	0	22	20	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	111.0000	111.0000	14.1421	101	121	2	0	121	101	100.00
	Total Hardness as CaCO3	10000.0000	mg/L	18.7500	18.7500	1.4849	17.7	19.8	2	0	19.8	17.7	100.00
True Colour	15.0000	Hazen Units (HU)	1.0000	1.0000	0.0000	1	1	2	0	1	1	100.00	
Turbidity	5.0000	NTU	1.1000	1.1000	0.1414	1	1.2	2	0	1.2	1	100.00	
Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	0.00005	100.00	
Zinc	3.0000	mg/L	0.0250	0.0250	0.0071	0.02	0.03	2	0	0.03	0.02	100.00	

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Fluoride Barcode													
	Fluoride	1.5000	mg/L	1.0090	1.0100	0.0551	0.91	1.1	10	0	1.1	0.91	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9870	1.0000	0.0657	0.85	1.09	10	0	1.09	0.85	100.00
	Fluoride Ratio	0.8 - 1.2		0.9790	0.9850	0.0491	0.87	1.04	10	0	1.04	0.87	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	51	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4502	0.4650	0.1163	0.18	0.75	54	1	0.62	0.22	98.15
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	51	0	0	0	100.00
	Turbidity	5.0000	NTU	0.7499	0.2650	1.3154	0.1	5.81	54	2	4.49	0.13	96.30