

Result Summary Report

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2019 - 31-12-2019	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Dorrigo BE02	Sample Types: All

Sample Count: 63

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	0.0000	0.03	0.03	2	0	0.03	0.03	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	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	0.0105	0.0105	0.0007	0.01	0.011	2	0	0.011	0.01	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	2	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	9.0000	9.0000	0.5657	8.6	9.4	2	0	9.4	8.6	100.00
	Chloride	250.0000	mg/L	7.5000	7.5000	0.7071	7	8	2	0	8	7	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	0.0025	0.0025	100.00
	Copper	2.0000	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	0.0025	0.0025	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	0.9150	0.9150	0.0071	0.91	0.92	2	0	0.92	0.91	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9800	0.9800	0.0283	0.96	1	2	0	1	0.96	100.00
	Fluoride Ratio	0.8 - 1.2		1.0700	1.0700	0.0283	1.05	1.09	2	0	1.09	1.05	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	0.0250	0.0250	0.0071	0.02	0.03	2	0	0.03	0.02	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	0.7150	0.7150	0.0354	0.69	0.74	2	0	0.74	0.69	100.00
	Manganese	0.5000	mg/L	0.0043	0.0043	0.0025	0.0025	0.006	2	0	0.006	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	2	0	0.005	0.005	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		7.5000	7.5000	0.1414	7.4	7.6	2	0	7.6	7.4	100.00
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	0.001	0.001	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	37.5000	37.5000	3.5355	35	40	2	0	40	35	100.00
	Sulfate	500.0000	mg/L	35.0000	35.0000	1.4142	34	36	2	0	36	34	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	126.5000	126.5000	3.5355	124	129	2	0	129	124	100.00
	Total Hardness as CaCO3	200.0000	mg/L	25.4000	25.4000	1.5556	24.3	26.5	2	0	26.5	24.3	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	0.2000	0.2000	0.1414	0.1	0.3	2	0	0.3	0.1	100.00	
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	2	0	0.0025	0.0025	100.00	
Zinc	3.0000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00	

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Fluoride Barcode													
	Fluoride	1.5000	mg/L	0.9667	0.9700	0.0563	0.86	1.08	9	0	1.08	0.86	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9788	0.9800	0.0458	0.91	1.05	8	0	1.05	0.91	100.00
	Fluoride Ratio	0.8 - 1.2		1.0150	1.0250	0.0444	0.94	1.08	8	0	1.08	0.94	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	52	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.3925	0.3950	0.1379	0.05	0.63	52	5	0.59	0.16	90.38
	Total Chlorine	5.0000	mg/L	0.4625	0.4350	0.1124	0.37	0.61	4	0	0.61	0.37	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	52	0	0	0	100.00
	Turbidity	5.0000	NTU	0.3480	0.2050	0.5546	0.1	3.16	48	0	1.97	0.11	100.00