

## 2015 Dorrigo Result Summary Report

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	0.0550	0.0550	0.0354	0.03	0.08	2	0	0.08	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	0.0085	0.0085	0.0021	0.007	0.01	2	0	0.01	0.007	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	5.4500	5.4500	0.3536	5.2	5.7	2	0	5.7	5.2	100.00
	Chloride	250.0000	mg/L	6.5000	6.5000	0.7071	6	7	2	0	7	6	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	0.0148	0.0148	0.0173	0.0025	0.027	2	0	0.027	0.0025	100.00
	Fluoride	1.5000	mg/L	0.5850	0.5850	0.7566	0.05	1.12	2	0	1.12	0.05	100.00
	Fluoride (WU result)	1.5000	mg/L	0.7350	0.7350	0.3323	0.5	0.97	2	0	0.97	0.5	100.00
	Fluoride Ratio	0.8 - 1.2		2.9350	2.9350	2.9204	0.87	5	2	1	5	0.87	50.00
	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	0.1150	0.1150	0.0495	0.08	0.15	2	0	0.15	0.08	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	0.6050	0.6050	0.0354	0.58	0.63	2	0	0.63	0.58	100.00
	Manganese	0.5000	mg/L	0.0048	0.0048	0.0032	0.0025	0.007	2	0	0.007	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	0.5000	0.5000	0.0000	0.5	0.5	2	0	0.5	0.5	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		7.4500	7.4500	0.0707	7.4	7.5	2	0	7.5	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	4.0000	4.0000	1.4142	3	5	2	0	5	3	100.00
	Sulfate	500.0000	mg/L	8.0000	8.0000	0.0000	8	8	2	0	8	8	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	22.5000	22.5000	3.5355	20	25	2	0	25	20	100.00
	Total Hardness as CaCO3	200.0000	mg/L	16.1000	16.1000	0.9899	15.4	16.8	2	0	16.8	15.4	100.00
	True Colour	15.0000	Hazen Units (HU)	1.2500	1.2500	1.0607	0.5	2	2	0	2	0.5	100.00
	Turbidity	5.0000	NTU	0.3000	0.3000	0.2828	0.1	0.5	2	0	0.5	0.1	100.00
	Zinc	3.0000	mg/L	0.0075	0.0075	0.0035	0.005	0.01	2	0	0.01	0.005	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	1.0336	0.9900	0.1020	0.87	1.18	11	0	1.18	0.87	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9855	1.0000	0.0493	0.89	1.05	11	0	1.05	0.89	100.00
	Fluoride Ratio	0.8 - 1.2		0.9591	0.9400	0.0796	0.87	1.13	11	0	1.13	0.87	100.00
Fluoride Plant													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.1034	0.9800	2.6579	0.18	50	341	50	1.06	0.83	85.34
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9689	0.9750	0.0737	0.767	1.11	87	13	1.09	0.85	85.06
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	56	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.3772	0.3950	0.1427	0.02	0.64	54	6	0.6	0.11	88.89
	Total Chlorine	5.0000	mg/L	0.2900	0.2900	0.0000	0.29	0.29	1	0	0.29	0.29	100.00
	Total Coliforms	0.0000	mpn/100	0.0000	0.0000	0.0000	0	0	56	0	0	0	100.00
	Turbidity	5.0000	NTU	0.1773	0.1300	0.1300	0.01	0.58	49	0	0.43	0.03	100.00