

Program: Drinking Water Monitoring Program,Operational Monitoring Program,Project Program

Report Type: Results Summary Report

Supply: Dorrigo BE02

Characteristics: All

Town: All

Treatment Type: All

Treatment: All

Collected Date Range: 01-01-2016 - 31-12-2016

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline	
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	0.0005	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	0.0075	0.0075	0.0007	0.007	0.008	2	0	0.008	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	5.9000	5.9000	0.5657	5.5	6.3	2	0	6.3	5.5	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	0.0025	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	
	Fluoride	1.5000	mg/L	0.9600	0.9600	0.1838	0.83	1.09	2	0	1.09	0.83	100.00	
	Fluoride (WU result)	1.5000	mg/L	0.9700	0.9700	0.0424	0.94		1	2	0	1	0.94	100.00
	Fluoride Ratio	0.8 - 1.2		1.0250	1.0250	0.1485	0.92	1.13	2	0	1.13	0.92	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	0.0300	0.0300	0.0283	0.01	0.05	2	0	0.05	0.01	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	0.4700	0.4700	0.0141	0.46	0.48	2	0	0.48	0.46	100.00	
	Manganese	0.5000	mg/L	0.0053	0.0053	0.0039	0.0025	0.008	2	0	0.008	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		7.7500	7.7500	1.0607	7	8.5	2	0	8.5	7	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	4.5000	4.5000	0.7071	4	5	2	0	5	4	100.00	
	Sulfate	500.0000	mg/L	7.0000	7.0000	0.0000	7	7	2	0	7	7	100.00	
	Total Dissolved Solids (TDS)	600.0000	mg/L	29.0000	29.0000	0.0000	29	29	2	0	29	29	100.00	
	Total Hardness as CaCO3	200.0000	mg/L	16.6500	16.6500	1.4849	15.6	17.7	2	0	17.7	15.6	100.00	
True Colour	15.0000	Hazen Units (HU)	2.5000	2.5000	0.7071	2	3	2	0	3	2	100.00		
Turbidity	5.0000	NTU	0.1750	0.1750	0.1768	0.05	0.3	2	0	0.3	0.05	100.00		
Zinc	3.0000	mg/L	0.0050	0.0050	0.0000	0.005	0.005	2	0	0.005	0.005	100.00		
Fluoride Barcode	Fluoride	1.5000	mg/L	0.9782	1.0000	0.0785	0.87	1.09	11	0	1.09	0.87	100.00	
	Fluoride (WU result)	1.5000	mg/L	0.9645	0.9600	0.0284	0.92	1.01	11	0	1.01	0.92	100.00	
	Fluoride Ratio	0.8 - 1.2		0.9909	1.0000	0.0713	0.87	1.08	11	0	1.08	0.87	100.00	
Microbiology	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	46	0	0	0	100.00	
	Free Chlorine	0.2 - 5	mg/L	0.3696	0.3500	0.1580	0.06	0.82	47	6	0.58	0.1	87.23	
	Total Chlorine	5.0000	mg/L	0.3350	0.3350	0.0495	0.3	0.37	2	0	0.37	0.3	100.00	
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	46	0	0	0	100.00	
	Turbidity	5.0000	NTU	0.2113	0.1900	0.1625	0	0.75	45	0	0.51	0	100.00	
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9831	0.9870	0.0612	0.573	1.1	274	12	1.07	0.9	95.62	
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	1.0772	0.9845	0.8694	0.814	8.64	78	8	1.08	0.88	89.74	