

Town: All
 Treatment Plant: Dorrigo
 Source: All
 Sample Site: All

Treatment Type: All
 Collected Date Range: 01-01-2020 - 31-12-2020

Sample Count:

551

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	0.0321	0.0300	0.0131	0.01	0.05	14	0	0.05	0.01	100.00
	Antimony	0.0030	mg/L	0.0003	0.0003	0.0001	0.00005	0.0004	14	0	0.0004	0.00005	100.00
	Arsenic	0.0100	mg/L	0.0006	0.0005	0.0002	0.0005	0.001	14	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0144	0.0139	0.0023	0.0114	0.0199	14	0	0.0199	0.0114	100.00
	Boron	4.0000	mg/L	0.0139	0.0135	0.0027	0.0078	0.0175	14	0	0.0175	0.0078	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0001	0.00005	0.0002	14	0	0.0002	0.00005	100.00
	Calcium	10000.0000	mg/L	29.1571	32.5000	9.2649	9.5	38.9	14	0	38.9	9.5	100.00
	Chloride	250.0000	mg/L	12.2143	11.0000	3.9648	8	25	14	0	25	8	100.00
	Chromium	0.0500	mg/L	0.0007	0.0005	0.0002	0.0005	0.001	14	0	0.001	0.0005	100.00
	Copper	2.0000	mg/L	0.0071	0.0055	0.0055	0.001	0.018	14	0	0.018	0.001	100.00
	Fluoride	1.5000	mg/L	0.9229	0.9450	0.0919	0.77	1.05	14	0	1.05	0.77	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9573	0.9700	0.0450	0.85	1.01	11	0	1.01	0.85	100.00
	Fluoride Ratio	0.8 - 1.2		1.0391	1.0500	0.0758	0.93	1.18	11	0	1.18	0.93	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	14	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0229	0.0200	0.0208	0.005	0.08	14	0	0.08	0.005	100.00
	Lead	0.0100	mg/L	0.0003	0.0002	0.0003	0.0001	0.0008	14	0	0.0008	0.0001	100.00
	Magnesium	10000.0000	mg/L	2.3850	2.5100	0.7269	0.88	3.35	14	0	3.35	0.88	100.00
	Manganese	0.5000	mg/L	0.0047	0.0027	0.0058	0.0015	0.0228	14	0	0.0228	0.0015	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	14	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0002	0.0001	0.0002	0.00005	0.0006	14	0	0.0006	0.00005	100.00
	Nickel	0.0200	mg/L	0.0004	0.0002	0.0005	0.0002	0.0022	14	0	0.0022	0.0002	100.00
	Nitrate	50.0000	mg/L	1.9643	1.0000	2.1703	0.5	9	14	0	9	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	14	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.8500	7.9000	0.2139	7.5	8.1	14	0	8.1	7.5	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	14	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	14	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	29.2143	33.5000	10.9276	6	40	14	0	40	6	100.00
	Sulfate	500.0000	mg/L	15.4286	15.5000	6.1982	6	32	14	0	32	6	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	165.7857	175.0000	60.6924	47	316	14	0	316	47	100.00
	Total Hardness as CaCO3	200.0000	mg/L	82.6214	91.2500	25.0185	27.8	105.5	14	0	105.5	27.8	100.00
	True Colour	15.0000	Hazen Units (HU)	0.6071	0.5000	0.2129	0.5	1	14	0	1	0.5	100.00
	Turbidity	5.0000	NTU	0.9750	0.9000	0.7849	0.05	2.3	14	0	2.3	0.05	100.00
	Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	14	0	0.0001	0.00005	100.00
Zinc	3.0000	mg/L	0.0693	0.0700	0.0338	0.02	0.14	14	0	0.14	0.02	100.00	
Fluoride Barcode	Fluoride	1.5000	mg/L	0.9222	0.9200	0.0924	0.75	1.05	9	0	1.05	0.75	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9800	0.9700	0.0324	0.94	1.02	9	0	1.02	0.94	100.00
	Fluoride Ratio	0.8 - 1.2		1.0722	1.0900	0.1124	0.9	1.29	9	1	1.29	0.9	88.89
Microbiology	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	149	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4247	0.4500	0.1498	0.08	1.31	152	12	0.6	0.15	92.11
	Total Chlorine	5.0000	mg/L	0.4083	0.4100	0.1288	0.21	0.6	6	0	0.6	0.21	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0268	0.0000	0.1995	0	2	149	3	0	0	97.99
	Turbidity	5.0000	NTU	0.3839	0.2500	0.4648	0.07	3.94	146	0	1.18	0.11	100.00
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9784	0.9785	0.0371	0.766	1.11	244	3	1.03	0.926	98.77
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9694	0.9760	0.0461	0.7	1.08	132	7	1.03	0.89	94.70