

2015 Seaboard Water 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	0.0608	0.0500	0.0365	0.02	0.11	12	0	0.11	0.02	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	12	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	12	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0145	0.0135	0.0031	0.012	0.022	12	0	0.022	0.012	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	12	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	12	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	33.5250	33.5000	4.5401	24.1	41.4	12	0	41.4	24.1	100.00
	Chloride	250.0000	mg/L	10.7500	10.5000	0.9653	10	13	12	0	13	10	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00
	Copper	2.0000	mg/L	0.0554	0.0390	0.0630	0.006	0.235	12	0	0.235	0.006	100.00
	Fluoride	1.5000	mg/L	0.9458	0.9500	0.0882	0.78	1.06	12	0	1.06	0.78	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9375	0.9450	0.0357	0.87	1	12	0	1	0.87	100.00
	Fluoride Ratio	0.8 - 1.2		0.9992	0.9650	0.0964	0.85	1.21	12	1	1.21	0.85	91.67
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	12	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0642	0.0500	0.0485	0.01	0.15	12	0	0.15	0.01	100.00
	Lead	0.0100	mg/L	0.0012	0.0010	0.0006	0.001	0.003	12	0	0.003	0.001	100.00
	Magnesium	10000.0000	mg/L	2.6950	2.5450	0.6522	1.64	4.11	12	0	4.11	1.64	100.00
	Manganese	0.5000	mg/L	0.0119	0.0043	0.0198	0.0025	0.072	12	0	0.072	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	12	0	0.00005	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	12	0	0.005	0.005	100.00
	Nitrate	50.0000	mg/L	2.8917	1.8000	2.3865	1	8.1	12	0	8.1	1	100.00

	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	12	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.8750	7.8500	0.1485	7.6	8.1	12	0	8.1	7.6	100.00
	Selenium	0.0100	mg/L	0.0011	0.0010	0.0003	0.001	0.002	12	0	0.002	0.001	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	12	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	9.3333	9.0000	0.6513	9	11	12	0	11	9	100.00
	Sulfate	500.0000	mg/L	4.0833	4.0000	0.2887	4	5	12	0	5	4	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	111.5833	110.0000	12.8379	83	135	12	0	135	83	100.00
	Total Hardness as CaCO3	200.0000	mg/L	94.8167	94.9500	13.1735	68.8	120.3	12	0	120.3	68.8	100.00
	True Colour	15.0000	Hazen Units	0.5833	0.5000	0.1946	0.5	1	12	0	1	0.5	100.00
	Turbidity	5.0000	NTU	2.7458	0.6000	6.8957	0.05	24.5	12	1	24.5	0.05	91.67
	Zinc	3.0000	mg/L	0.0238	0.0200	0.0115	0.005	0.05	12	0	0.05	0.005	100.00
Fluoride Plant													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.2081	0.9700	4.6541	0.583	86	334	53	1.04	0.81	84.13
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	96	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4849	0.4800	0.0981	0.14	0.77	93	1	0.63	0.34	98.92
	Total Chlorine	5.0000	mg/L	0.5450	0.5450	0.0778	0.49	0.6	2	0	0.6	0.49	100.00
	Total Coliforms	0.0000	mpn/100 ml	0.0000	0.0000	0.0000	0	0	96	0	0	0	100.00
	Turbidity	5.0000	NTU	0.7835	0.3200	1.3059	0	8.87	83	1	3.42	0.01	98.80