

Supply System: Lower Bellinger BE01

Town: All

Treatment Plant: All

Characteristics: All

Treatment Type: All

Collected Date Range: 01-01-2020 - 31-12-2020

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	0.0292	0.0300	0.0116	0.01	0.05	12	0	0.05	0.01	100.00
	Antimony	0.0030	mg/L	0.0003	0.0003	0.0001	0.0001	0.0004	12	0	0.0004	0.0001	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0001	0.0005	0.001	12	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0147	0.0141	0.0023	0.0114	0.0199	12	0	0.0199	0.0114	100.00
	Boron	4.0000	mg/L	0.0147	0.0142	0.0019	0.0128	0.0175	12	0	0.0175	0.0128	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.0002	12	0	0.0002	0.00005	100.00
	Calcium	10000.0000	mg/L	32.4167	32.8500	4.5067	23.4	38.9	12	0	38.9	23.4	100.00
	Chloride	250.0000	mg/L	12.7500	11.0000	4.0255	11	25	12	0	25	11	100.00
	Chromium	0.0500	mg/L	0.0007	0.0005	0.0002	0.0005	0.001	12	0	0.001	0.0005	100.00
	Copper	2.0000	mg/L	0.0074	0.0065	0.0059	0.001	0.018	12	0	0.018	0.001	100.00
	Fluoride	1.5000	mg/L	0.9183	0.9350	0.0988	0.77	1.05	12	0	1.05	0.77	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9520	0.9650	0.0437	0.85	1	10	0	1	0.85	100.00
	Fluoride Ratio	0.8 - 1.2		1.0340	1.0400	0.0779	0.93	1.18	10	0	1.18	0.93	100.00
	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	0.0242	0.0200	0.0222	0.005	0.08	12	0	0.08	0.005	100.00
	Lead	0.0100	mg/L	0.0003	0.0001	0.0002	0.0001	0.0007	12	0	0.0007	0.0001	100.00
	Magnesium	10000.0000	mg/L	2.6242	2.6750	0.4322	1.72	3.35	12	0	3.35	1.72	100.00
	Manganese	0.5000	mg/L	0.0035	0.0027	0.0026	0.00015	0.0098	12	0	0.0098	0.00015	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	12	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0002	0.0002	0.0002	0.00005	0.0006	12	0	0.0006	0.00005	100.00
	Nickel	0.0200	mg/L	0.0004	0.0002	0.0006	0.0002	0.0022	12	0	0.0022	0.0002	100.00
	Nitrate	50.0000	mg/L	2.1667	1.0000	2.2896	1	9	12	0	9	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		7.9000	7.9500	0.1859	7.5	8.1	12	0	8.1	7.5	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	12	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	12	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	30.2500	33.5000	8.9658	10	38	12	0	38	10	100.00
	Sulfate	500.0000	mg/L	13.8333	15.0000	4.1304	6	18	12	0	18	6	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	178.0833	176.5000	53.2002	94	316	12	0	316	94	100.00
	Total Hardness as CaCO3	200.0000	mg/L	91.7500	92.8000	10.1678	72.2	105.5	12	0	105.5	72.2	100.00
	True Colour	15.0000	Hazen Units (HU)	0.5833	0.5000	0.1946	0.5	1	12	0	1	0.5	100.00
	Turbidity	5.0000	NTU	1.0167	0.9000	0.7950	0.05	2.3	12	0	2.3	0.05	100.00
	Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	12	0	0.0001	0.00005	100.00
Zinc	3.0000	mg/L	0.0767	0.0750	0.0306	0.04	0.14	12	0	0.14	0.04	100.00	
Microbiology	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	100	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4136	0.4300	0.1543	0.08	1.31	102	8	0.57	0.15	92.16
	Total Chlorine	5.0000	mg/L	0.3475	0.3700	0.0978	0.21	0.44	4	0	0.44	0.21	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0300	0.0000	0.2227	0	2	100	2	0	0	98.00
	Turbidity	5.0000	NTU	0.4076	0.2800	0.4975	0.07	3.94	98	0	0.98	0.12	100.00
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9505	0.9700	0.0879	0.31	1.2	244	25	1.02	0.801	89.75
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9592	0.9700	0.0546	0.7	1.03	65	7	1.02	0.86	89.23