

Supply System: Lower Bellinger BE01

Characteristics: All

Sample Count:

560

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	% meeting guideline
Chemistry	Aluminium	0.2000	mg/L	0.0318	0.0300	0.0199	0.01	0.08	11	0	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	11	0	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	11	0	100.00
	Barium	2.0000	mg/L	0.0116	0.0110	0.0010	0.01	0.013	11	0	100.00
	Boron	4.0000	mg/L	0.0545	0.0500	0.0151	0.05	0.1	11	0	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	11	0	100.00
	Calcium	10000.0000	mg/L	27.9909	29.4000	3.0768	21.5	31.3	11	0	100.00
	Chloride	250.0000	mg/L	9.4545	9.0000	0.5222	9	10	11	0	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	11	0	100.00
	Copper	2.0000	mg/L	0.0473	0.0090	0.0611	0.0025	0.174	11	0	100.00
	Fluoride	1.5000	mg/L	0.8718	0.8700	0.0728	0.7	1.01	11	0	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9309	0.9300	0.0666	0.77	1.02	11	0	100.00
	Fluoride Ratio	0.8 - 1.2		1.0718	1.0600	0.0797	0.93	1.19	11	0	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	11	0	100.00
	Iron	0.3000	mg/L	0.0291	0.0200	0.0294	0.005	0.09	11	0	100.00
	Lead	0.0100	mg/L	0.0014	0.0010	0.0007	0.001	0.003	11	0	100.00
	Magnesium	10000.0000	mg/L	2.4664	2.6000	0.4040	1.71	3.07	11	0	100.00
	Manganese	0.5000	mg/L	0.0059	0.0050	0.0040	0.0025	0.015	11	0	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	11	0	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	11	0	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	11	0	100.00
	Nitrate	50.0000	mg/L	1.4545	1.0000	0.6876	1	3	11	0	100.00
	Nitrite	3.0000	mg/L	0.0545	0.0500	0.0151	0.05	0.1	11	0	100.00

	pH	6.5 - 8.5		7.7909	7.8000	0.2119	7.4	8	11	0	100.00
	Selenium	0.0100 mg/L		0.0010	0.0010	0.0000	0.001	0.001	11	0	100.00
	Silver	0.1000 mg/L		0.0012	0.0010	0.0006	0.001	0.003	11	0	100.00
	Sodium	180.0000 mg/L		36.9091	38.0000	9.4070	17	47	11	0	100.00
	Sulfate	500.0000 mg/L		10.4545	8.0000	5.0865	6	23	11	0	100.00
	Total Dissolved Solids (TDS)	600.0000 mg/L		157.7273	152.0000	18.6123	133	187	11	0	100.00
	Total Hardness as CaCO3	200.0000 mg/L		80.0455	83.3000	8.4801	60.7	90.8	11	0	100.00
	True Colour	15.0000 Hazen Units (HU)		1.3636	1.0000	1.5983	0.5	6	11	0	100.00
	Turbidity	5.0000 NTU		0.4000	0.4000	0.2992	0.05	0.9	11	0	100.00
	Uranium	0.0170 mg/L		0.0025	0.0025	0.0000	0.0025	0.0025	11	0	100.00
	Zinc	3.0000 mg/L		0.0155	0.0100	0.0125	0.005	0.04	11	0	100.00
Microbiology											
	E. coli	0.0000 mpn/100 mL		0.0000	0.0000	0.0000	0	0	88	0	100.00
	Free Chlorine	0.2 - 5 mg/L		0.4431	0.4450	0.1554	0.03	1.24	86	3	96.51
	Total Chlorine	5.0000 mg/L		0.4500	0.4650	0.1278	0.29	0.58	4	0	100.00
	Total Coliforms	0.0000 mpn/100 mL		0.1818	0.0000	1.1991	0	11	88	5	94.32
	Turbidity	5.0000 NTU		0.3338	0.2450	0.3700	0.04	3.12	84	0	100.00
Operational Monitoring											
	Fluoride (daily WU)	0.9 - 1.5 mg/L		0.9549	0.9600	0.0621	0.415	1.18	364	47	87.09
	Fluoride (weekly WU)	0.9 - 1.5 mg/L		0.9456	0.9550	0.0557	0.748	1.07	97	15	84.54