

Result Summary Report

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2021 - 31-12-2021	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Lower Bellinger BE01	Sample Types: All

Sample Count: 100

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	0.0360	0.0300	0.0184	0.01	0.06	10	0	0.06	0.01	100.00
	Antimony	0.0030	mg/L	0.0003	0.0002	0.0005	0.0001	0.0016	10	0	0.0016	0.0001	100.00
	Arsenic	0.0100	mg/L	0.0007	0.0005	0.0005	0.0005	0.002	10	0	0.002	0.0005	100.00
	Barium	2.0000	mg/L	0.0215	0.0147	0.0170	0.0137	0.0689	10	0	0.0689	0.0137	100.00
	Boron	4.0000	mg/L	0.0176	0.0140	0.0112	0.0066	0.0462	10	0	0.0462	0.0066	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	10	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	40.7300	38.9000	6.9976	29.2	53.7	10	0	53.7	29.2	100.00
	Chloride	250.0000	mg/L	11.0058	11.0000	0.9430	10	13	10	0	13	10	100.00
	Chromium	0.0500	mg/L	0.0018	0.0020	0.0010	0.0005	0.004	10	0	0.004	0.0005	100.00
	Copper	2.0000	mg/L	0.0178	0.0050	0.0304	0.0005	0.1	10	0	0.1	0.0005	100.00

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
Chemistry	Fluoride	1.5000	mg/L	0.9388	0.9390	0.0318	0.89	0.99	10	0	0.99	0.89	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9444	0.9700	0.0590	0.83	0.99	9	0	0.99	0.83	100.00
	Fluoride Ratio	0.8 - 1.2		1.0078	1.0100	0.0441	0.93	1.07	9	0	1.07	0.93	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	10	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0160	0.0150	0.0094	0.005	0.03	10	0	0.03	0.005	100.00
	Lead	0.0100	mg/L	0.0005	0.0004	0.0005	0.0001	0.0018	10	0	0.0018	0.0001	100.00
	Magnesium	10000.0000	mg/L	3.2300	3.1450	0.6158	2.23	4.57	10	0	4.57	2.23	100.00
	Manganese	0.5000	mg/L	0.0028	0.0031	0.0013	0.001	0.0043	10	0	0.0043	0.001	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	10	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0011	0.0010	0.0010	0.0002	0.0034	10	0	0.0034	0.0002	100.00
	Nickel	0.0200	mg/L	0.0037	0.0019	0.0042	0.0002	0.0126	10	0	0.0126	0.0002	100.00
	Nitrate	50.0000	mg/L	3.0099	2.0000	2.3619	1	9	10	0	9	1	100.00
	Nitrite	3.0000	mg/L	0.0459	0.0500	0.0130	0.009	0.05	10	0	0.05	0.009	100.00
	pH	6.5 - 8.5		7.7800	7.8000	0.1135	7.6	7.9	10	0	7.9	7.6	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	10	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0002	0.0001	0.0002	0.0001	0.0006	10	0	0.0006	0.0001	100.00
	Sodium	180.0000	mg/L	34.8000	40.0000	17.7626	10	55	10	0	55	10	100.00
	Sulfate	500.0000	mg/L	12.0580	10.2900	7.7993	4	24	10	0	24	4	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	179.7000	195.5000	46.5333	102	235	10	0	235	102	100.00
	Total Hardness as CaCO3	10000.0000	mg/L	115.0000	108.6500	19.4422	85.5	152.9	10	0	152.9	85.5	100.00
True Colour	15.0000	Hazen Units (HU)	0.5000	0.5000	0.0000	0.5	0.5	10	0	0.5	0.5	100.00	
Turbidity	5.0000	NTU	0.7100	0.5000	0.8140	0.05	2.3	10	0	2.3	0.05	100.00	
Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	10	0	0.0001	0.00005	100.00	
Zinc	3.0000	mg/L	0.0920	0.1050	0.0700	0.01	0.17	10	0	0.17	0.01	100.00	

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Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	82	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4020	0.4100	0.1104	0.12	0.69	90	4	0.56	0.2	95.56
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	82	0	0	0	100.00
	Turbidity	5.0000	NTU	0.4840	0.3300	0.7433	0.11	6.75	90	1	1.13	0.13	98.89