

Result Summary Report

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2022 - 31-12-2022	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Lower Bellinger BE01	Sample Types: All

Sample Count: 111

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	0.0500	0.0400	0.0362	0.02	0.14	10	0	0.14	0.02	100.00
	Antimony	0.0030	mg/L	0.0003	0.0003	0.0001	0.0003	0.0004	10	0	0.0004	0.0003	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	10	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0169	0.0160	0.0032	0.012	0.0229	10	0	0.0229	0.012	100.00
	Boron	4.0000	mg/L	0.0166	0.0155	0.0030	0.0123	0.0216	10	0	0.0216	0.0123	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	39.4400	40.1500	3.3912	33.1	44.8	10	0	44.8	33.1	100.00
	Chloride	250.0000	mg/L	11.9000	12.0000	0.7379	11	13	10	0	13	11	100.00
	Chromium	0.0500	mg/L	0.0010	0.0010	0.0000	0.001	0.001	10	0	0.001	0.001	100.00
	Copper	2.0000	mg/L	0.0213	0.0110	0.0216	0.002	0.069	10	0	0.069	0.002	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	0.9100	0.9200	0.1209	0.61	1.08	10	0	1.08	0.61	100.00
	Fluoride (WU result)	1.5000	mg/L	0.8960	0.9250	0.1092	0.61	1	10	0	1	0.61	100.00
	Fluoride Ratio	0.8 - 1.2		0.9870	0.9850	0.0323	0.93	1.04	10	0	1.04	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	0.0430	0.0250	0.0476	0.01	0.17	10	0	0.17	0.01	100.00
	Lead	0.0100	mg/L	0.0005	0.0005	0.0003	0.0001	0.0008	10	0	0.0008	0.0001	100.00
	Magnesium	10000.0000	mg/L	3.0990	3.1250	0.6414	2.02	4.25	10	0	4.25	2.02	100.00
	Manganese	0.5000	mg/L	0.0040	0.0021	0.0061	0.0006	0.0209	10	0	0.0209	0.0006	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	0.0004	0.0003	0.0002	0.0003	0.0007	10	0	0.0007	0.0003	100.00
	Nickel	0.0200	mg/L	0.0011	0.0010	0.0007	0.0002	0.0021	10	0	0.0021	0.0002	100.00
	Nitrate	50.0000	mg/L	3.4000	3.0000	2.1705	2	9	10	0	9	2	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	10	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.6900	7.7000	0.3414	7.2	8.2	10	0	8.2	7.2	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	0.0001	0.0001	0.0000	0.0001	0.0001	10	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	44.7000	45.0000	3.6530	40	50	10	0	50	40	100.00
	Sulfate	500.0000	mg/L	16.4000	16.0000	9.6977	1	29	10	0	29	1	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	209.6000	211.0000	19.9900	179	234	10	0	234	179	100.00
	Total Hardness as CaCO3	10000.0000	mg/L	111.2400	112.4000	9.5562	94.7	128.2	10	0	128.2	94.7	100.00
True Colour	15.0000	Hazen Units (HU)	1.0500	1.0000	0.5503	0.5	2	10	0	2	0.5	100.00	
Turbidity	5.0000	NTU	0.7800	0.8000	0.4917	0.2	1.8	10	0	1.8	0.2	100.00	
Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	10	0	0.00005	0.00005	100.00	
Zinc	3.0000	mg/L	0.0200	0.0200	0.0047	0.01	0.03	10	0	0.03	0.01	100.00	

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Fluoride Barcode													
	Fluoride	1.5000	mg/L	0.9600	0.9600	0.0424	0.93	0.99	2	0	0.99	0.93	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9550	0.9550	0.0636	0.91	1	2	0	1	0.91	100.00
	Fluoride Ratio	0.8 - 1.2		0.9950	0.9950	0.0212	0.98	1.01	2	0	1.01	0.98	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	93	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4276	0.4350	0.1233	0.09	0.67	98	3	0.61	0.2	96.94
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	93	0	0	0	100.00
	Turbidity	5.0000	NTU	0.9777	0.4200	2.2121	0.14	17.8	97	3	2.93	0.19	96.91