

Result Summary Report

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2019 - 31-12-2019	Analysis Type: All
Water Utility: All	Characteristics: All
Supply System: Lower Bellinger BE01	Sample Types: All

Sample Count: 109

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	0.0342	0.0300	0.0162	0.02	0.06	12	0	0.06	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	0.0001	0.0005	0.001	12	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0116	0.0120	0.0018	0.009	0.015	12	0	0.015	0.009	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	23.9833	26.8000	7.3489	8.4	32	12	0	32	8.4	100.00
	Chloride	250.0000	mg/L	9.5000	10.0000	1.1677	6	10	12	0	10	6	100.00
	Chromium	0.0500	mg/L	0.0031	0.0025	0.0022	0.0025	0.01	12	0	0.01	0.0025	100.00
	Copper	2.0000	mg/L	0.0053	0.0050	0.0034	0.0025	0.014	12	0	0.014	0.0025	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	0.9492	0.9500	0.0712	0.83	1.07	12	0	1.07	0.83	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9470	0.9550	0.0457	0.84	1	10	0	1	0.84	100.00
	Fluoride Ratio	0.8 - 1.2		1.0010	1.0000	0.0651	0.92	1.1	10	0	1.1	0.92	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	0.0125	0.0100	0.0062	0.01	0.03	12	0	0.03	0.01	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	12	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	2.1367	2.1700	0.5318	0.68	2.88	12	0	2.88	0.68	100.00
	Manganese	0.5000	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0001	0.00005	0.0004	12	0	0.0004	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0030	0.0025	0.0016	0.0025	0.008	12	0	0.008	0.0025	100.00
	Nickel	0.0200	mg/L	0.0088	0.0050	0.0071	0.005	0.03	12	1	0.03	0.005	91.67
	Nitrate	50.0000	mg/L	1.4167	1.0000	0.6686	1	3	12	0	3	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		7.7583	7.8500	0.3029	7	8	12	0	8	7	100.00
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	12	0	0.001	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	38.0000	42.0000	10.0634	9	46	12	0	46	9	100.00
	Sulfate	500.0000	mg/L	16.9167	14.5000	8.1180	4	33	12	0	33	4	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	148.4167	164.5000	39.5370	52	179	12	0	179	52	100.00
	Total Hardness as CaCO3	200.0000	mg/L	68.6917	75.1500	19.7986	23.8	90.6	12	0	90.6	23.8	100.00
True Colour	15.0000	Hazen Units (HU)	0.6250	0.5000	0.2261	0.5	1	12	0	1	0.5	100.00	
Turbidity	5.0000	NTU	0.2750	0.1500	0.2589	0.05	0.9	12	0	0.9	0.05	100.00	
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00	
Zinc	3.0000	mg/L	0.0142	0.0150	0.0063	0.005	0.02	12	0	0.02	0.005	100.00	

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Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	97	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4086	0.4200	0.1200	0.12	0.6	97	7	0.58	0.18	92.78
	Total Chlorine	5.0000	mg/L	0.3950	0.4350	0.1515	0.18	0.53	4	0	0.53	0.18	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	97	0	0	0	100.00
	Turbidity	5.0000	NTU	0.3016	0.2400	0.2798	0.08	1.91	93	0	0.96	0.12	100.00