

## Result Summary Report

Program:	Barcode: All
Drinking Water Monitoring Program	
Date Range:	Analysis Type: All
01-01-2017 - 31-12-2017	
All	
Water Utility:	Characteristics: All
Lower Bellinger BE01	
Supply System:	Sample Types: All
Lower Bellinger BE01	

Sample Count:

105

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	0.0413	0.0350	0.0210	0.02	0.08	8	0	0.08	0.02	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	8	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0006	0.0005	0.0002	0.0005	0.001	8	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0174	0.0130	0.0132	0.011	0.05	8	0	0.05	0.011	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	8	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0001	0.00025	0.0005	8	0	0.0005	0.00025	100.00
	Calcium	10000.0000	mg/L	28.5750	26.1500	4.6126	24.5	36.7	8	0	36.7	24.5	100.00
	Chloride	250.0000	mg/L	9.7500	10.0000	1.0351	8	11	8	0	11	8	100.00
	Chromium	0.0500	mg/L	0.0028	0.0025	0.0009	0.0025	0.005	8	0	0.005	0.0025	100.00
	Copper	2.0000	mg/L	0.0385	0.0125	0.0581	0.0025	0.158	8	0	0.158	0.0025	100.00
	Fluoride	1.5000	mg/L	0.8588	0.8900	0.1481	0.52	1.01	8	0	1.01	0.52	100.00
	Fluoride (WU result)	1.5000	mg/L	0.8638	0.9200	0.2129	0.36	1.05	8	0	1.05	0.36	100.00
	Fluoride Ratio	0.8 - 1.2		0.9888	1.0100	0.1269	0.69	1.11	8	1	1.11	0.69	87.50
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	8	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0200	0.0200	0.0093	0.01	0.03	8	0	0.03	0.01	100.00
	Lead	0.0100	mg/L	0.0012	0.0010	0.0005	0.001	0.0025	8	0	0.0025	0.001	100.00
	Magnesium	10000.0000	mg/L	2.5488	2.4150	0.4214	1.93	3.18	8	0	3.18	1.93	100.00
	Manganese	0.5000	mg/L	0.0034	0.0025	0.0017	0.0025	0.007	8	0	0.007	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	8	0	0.0001	0.00005	100.00

Molybdenum	0.0500	mg/L	0.0028	0.0025	0.0009	0.0025	0.005	8	0	0.005	0.0025	100.00
Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	8	0	0.005	0.005	100.00
Nitrate	50.0000	mg/L	2.3375	1.7500	2.1091	0.5	7.3	8	0	7.3	0.5	100.00
Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	8	0	0.05	0.05	100.00
pH	6.5 - 8.5		7.7875	7.8000	0.2167	7.5	8.1	8	0	8.1	7.5	100.00
Selenium	0.0100	mg/L	0.0012	0.0010	0.0005	0.001	0.0025	8	0	0.0025	0.001	100.00
Silver	0.1000	mg/L	0.0015	0.0010	0.0014	0.001	0.005	8	0	0.005	0.001	100.00
Sodium	180.0000	mg/L	31.0000	26.5000	23.6402	9	61	8	0	61	9	100.00
Sulfate	500.0000	mg/L	6.1250	5.5000	2.4165	4	10	8	0	10	4	100.00
Total Dissolved Solids (TDS)	600.0000	mg/L	158.0000	159.0000	62.8536	92	235	8	0	235	92	100.00
Total Hardness as CaCO3	200.0000	mg/L	81.8500	75.2500	12.3715	72.1	103.9	8	0	103.9	72.1	100.00
True Colour	15.0000	Hazen Units (HU)	0.6875	0.5000	0.2588	0.5	1	8	0	1	0.5	100.00
Turbidity	5.0000	NTU	0.5563	0.2000	1.1528	0.05	3.4	8	0	3.4	0.05	100.00
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	4	0	0.0025	0.0025	100.00
Zinc	3.0000	mg/L	0.0238	0.0200	0.0233	0.01	0.08	8	0	0.08	0.01	100.00
Microbiology												
E. coli	0.0000	mpn/100	0.0000	0.0000	0.0000	0	0	91	0	0	0	100.00
Free Chlorine	0.2 - 5	mg/L	0.8794	0.4550	4.1408	0.15	41	96	5	0.63	0.26	94.79
Total Chlorine	5.0000	mg/L	0.5133	0.5100	0.0751	0.44	0.59	3	0	0.59	0.44	100.00
Total Coliforms	0.0000	mpn/100 mL	3.0330	0.0000	22.3296	0	202	91	4	0	0	95.60
Turbidity	5.0000	NTU	0.7170	0.2800	2.5567	0.1	24	91	1	1.68	0.13	98.90