

## Result Summary Report

Date Range: 01-01-2014 - 31-12-2014

Supply System: Lower Bellinger BE01

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	0.0350	0.0300	0.0193	0.01	0.08	12	0	0.08	0.01	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	0.0006	0.0005	0.0002	0.0005	0.001	12	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0108	0.0110	0.0011	0.009	0.012	12	0	0.012	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	21.9667	22.1500	3.5801	15.1	27.6	12	0	27.6	15.1	100.00
	Chloride	250.0000	mg/L	9.8333	10.0000	0.5774	9	11	12	0	11	9	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00
	Copper	2.0000	mg/L	0.0553	0.0460	0.0334	0.015	0.147	12	0	0.147	0.015	100.00
	Fluoride	1.5000	mg/L	0.9967	1.0200	0.0795	0.89	1.12	12	0	1.12	0.89	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9550	0.9650	0.0665	0.83	1.05	12	0	1.05	0.83	100.00
	Fluoride Ratio	0.8 - 1.2		0.9600	0.9850	0.0658	0.82	1.04	12	0	1.04	0.82	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	0.0217	0.0100	0.0236	0.005	0.08	12	0	0.08	0.005	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	2.1250	2.1900	0.2604	1.77	2.46	12	0	2.46	1.77	100.00
	Manganese	0.5000	mg/L	0.0055	0.0025	0.0052	0.0025	0.02	12	0	0.02	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	12	0	0.00005	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	12	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	12	0	0.005	0.005	100.00
	Nitrate	50.0000	mg/L	0.7583	0.5000	0.7038	0.5	2.9	12	0	2.9	0.5	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		7.9750	7.9500	0.2491	7.7	8.6	12	1	8.6	7.7	91.67
	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	8.8333	9.0000	1.0299	7	10	12	0	10	7	100.00
	Sulfate	500.0000	mg/L	4.0833	4.0000	0.2887	4	5	12	0	5	4	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	87.0833	87.5000	4.5817	78	93	12	0	93	78	100.00
	Total Hardness as CaCO3	200.0000	mg/L	63.6083	65.1000	9.7198	45.1	78.5	12	0	78.5	45.1	100.00
	True Colour	15.0000	Hazen	0.5000	0.5000	0.0000	0.5	0.5	12	0	0.5	0.5	100.00
	Turbidity	5.0000	NTU	0.6625	0.4000	0.9752	0.05	3.6	12	0	3.6	0.05	100.00
	Zinc	3.0000	mg/L	0.0217	0.0200	0.0083	0.01	0.03	12	0	0.03	0.01	100.00
Fluoride Plant	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9669	0.9800	0.0846	0.17	1.1	363	40	1.05	0.84	88.98
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9648	0.9700	0.0607	0.68	1.08	100	10	1.05	0.87	90.00
Microbiology	E. coli	0.0000	cfu/100	0.0000	0.0000	0.0000	0	0	92	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.3987	0.4500	0.1434	0.01	0.67	84	10	0.56	0.13	88.10
	Total Chlorine	5.0000	mg/L	0.3180	0.3500	0.1217	0.18	0.44	5	0	0.44	0.18	100.00
	Total Coliforms	0.0000	cfu/100	0.0000	0.0000	0.0000	0	0	92	0	0	0	100.00
	Turbidity	5.0000	NTU	0.3674	0.1250	0.6994	0.01	4.12	50	0	1.18	0.01	100.00