

Program: Drinking Water Monitoring Program,Operational Monitoring Program,Project Program

Report Type: Results Summary Report

Supply System: Lower Bellinger BE01

Characteristics: All

Town: All

Treatment Type: All

Treatment Plant: All

Collected Date Range: 01-01-2016 - 31-12-2016

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	0.0982	0.0600	0.0931	0.02	0.33	11	1	0.33	0.02	90.91
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	11	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	11	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0103	0.0100	0.0017	0.008	0.013	11	0	0.013	0.008	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	11	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	11	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	19.2545	23.4000	8.8972	5.5	29.4	11	0	29.4	5.5	100.00
	Chloride	250.0000	mg/L	9.3636	9.0000	0.6742	8	10	11	0	10	8	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	11	0	0.0025	0.0025	100.00
	Copper	2.0000	mg/L	0.0501	0.0500	0.0224	0.015	0.088	11	0	0.088	0.015	100.00
	Fluoride	1.5000	mg/L	0.8927	0.8900	0.1210	0.68	1.08	11	0	1.08	0.68	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9227	0.9600	0.1053	0.65	1	11	0	1	0.65	100.00
	Fluoride Ratio	0.8 - 1.2		1.0418	1.0000	0.1263	0.93	1.37	11	1	1.37	0.93	90.91
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	11	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.1232	0.0500	0.1380	0.005	0.43	11	1	0.43	0.005	90.91
	Lead	0.0100	mg/L	0.0012	0.0010	0.0006	0.001	0.003	11	0	0.003	0.001	100.00
	Magnesium	10000.0000	mg/L	2.1355	2.0400	0.3056	1.65	2.52	11	0	2.52	1.65	100.00
	Manganese	0.5000	mg/L	0.0145	0.0070	0.0155	0.0025	0.046	11	0	0.046	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.0002	11	0	0.0002	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	11	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	11	0	0.005	0.005	100.00
	Nitrate	50.0000	mg/L	1.2909	1.3000	0.6700	0.5	2.7	11	0	2.7	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	11	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.5909	7.8000	0.4784	6.8	8.1	11	0	8.1	6.8	100.00
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	11	0	0.001	0.001	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	11	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	7.7727	8.0000	2.4634	0.5	9	11	0	9	0.5	100.00
	Sulfate	500.0000	mg/L	4.0000	4.0000	0.0000	4	4	11	0	4	4	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	84.6364	97.0000	23.3635	45	102	11	0	102	45	100.00
	Total Hardness as CaCO3	200.0000	mg/L	56.8818	66.5000	22.9441	20.8	83.1	11	0	83.1	20.8	100.00
True Colour	15.0000	Hazen Units (HU)	0.7273	0.5000	0.2611	0.5	1	11	0	1	0.5	100.00	
Turbidity	5.0000	NTU	1.7455	1.4000	1.5319	0.3	5.6	11	1	5.6	0.3	90.91	
Zinc	3.0000	mg/L	0.0141	0.0100	0.0074	0.005	0.03	11	0	0.03	0.005	100.00	
Fluoride Barcode	Fluoride	1.5000	mg/L	1.0400	1.0400	0.0000	1.04	1.04	1	0	1.04	1.04	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9700	0.9700	0.0000	0.97	0.97	1	0	0.97	0.97	100.00
	Fluoride Ratio	0.8 - 1.2		0.9300	0.9300	0.0000	0.93	0.93	1	0	0.93	0.93	100.00
Microbiology	E. coli	0.0000	mpn/100	0.0000	0.0000	0.0000	0	0	97	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4590	0.4600	0.1703	0.01	1.27	101	4	0.65	0.22	96.04
	Total Chlorine	5.0000	mg/L	0.4925	0.4950	0.0457	0.44	0.54	4	0	0.54	0.44	100.00
	Total Coliforms	0.0000	mpn/100 mL	2.1134	0.0000	20.5076	0	202	97	4	0	0	95.88
	Turbidity	5.0000	NTU	0.7512	0.4100	1.0254	0	7.2	99	1	2.4	0.05	98.99
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9274	0.9580	0.1364	0.2	1.08	243	38	1.03	0.692	84.36
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9198	0.9480	0.1181	0.248	1.05	68	17	1.02	0.689	75.00