

Result Summary Report

Program:	Drinking Water Program	Barcode:	All
Collected Date Range:	01-01-2013 - 31-12-2013	Entered Date Range:	-
AHS:	All		
PHU:	All		
Water Utility:	All		
Supply System:	Lower Bellinger BE01		
Analysis Type:	All		
Characteristics:	All		
Treatment Plant:	Lower Bellinger		
Treatment Type:	Many		
Source:	Bielsdown River, Bellingin Bore		
Town:	All		
Sample Site:	All		
Sample Count:	522		

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
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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	0.0400	0.0400	0.0184	0.02	0.07	11	0	0.07	0.02	100.00
	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	0.0122	0.0120	0.0011	0.011	0.014	11	0	0.014	0.011	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	31.9818	32.3000	7.2970	13.8	41.3	11	0	41.3	13.8	100.00
	Chloride	250.0000	mg/L	10.5455	11.0000	0.5222	10	11	11	0	11	10	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	0.0359	0.0350	0.0081	0.021	0.046	11	0	0.046	0.021	100.00
	Fluoride	1.5000	mg/L	0.9409	0.9200	0.1183	0.78	1.13	11	0	1.13	0.78	100.00
	Fluoride (WU result)	1.5000	mg/L	1.6350	1.1550	1.5044	0.41	3.82	4	1	3.82	0.41	75.00
	Fluoride Ratio	0.8 - 1.2		1.5525	1.0500	1.4473	0.44	3.67	5	3	3.67	0.44	40.00
	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	0.0218	0.0200	0.0182	0.005	0.07	11	0	0.07	0.005	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	11	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	2.6455	2.6600	0.1776	2.24	2.86	11	0	2.86	2.24	100.00
	Manganese	0.5000	mg/L	0.0032	0.0025	0.0023	0.0025	0.01	11	0	0.01	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	11	0	0.00005	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	1.3636	1.2000	0.4388	1	2.3	11	0	2.3	1	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		7.9691	8.0000	0.3107	7.1	8.3	11	0	8.3	7.1	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	

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
Chemistry	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	10.0000	10.0000	0.6325	9	11	11	0	11	9	100.00
	Sulfate	500.0000	mg/L	4.2727	4.0000	0.4671	4	5	11	0	5	4	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	106.9273	106.0000	21.1778	53	132	11	0	132	53	100.00
	Total Hardness as CaCO3	200.0000	mg/L	90.7545	91.3000	18.3558	45.4	114.7	11	0	114.7	45.4	100.00
	True Colour	15.0000	Hazen Units (HU)	0.6000	0.5000	0.2108	0.5	1	10	0	1	0.5	100.00
	Turbidity	5.0000	NTU	0.7809	0.7000	0.7115	0.05	1.8	11	0	1.8	0.05	100.00
	Zinc	3.0000	mg/L	0.0100	0.0050	0.0067	0.005	0.02	11	0	0.02	0.005	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	0.9700	0.9700	0.0000	0.97	0.97	1	0	0.97	0.97	100.00
	Fluoride (WU result)	1.5000	mg/L	0.6400	0.6400	0.0000	0.64	0.64	1	0	0.64	0.64	100.00
	Fluoride Ratio	0.8 - 1.2		0.6600	0.6600	0.0000	0.66	0.66	1	1	0.66	0.66	0.00
Fluoride Plant													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	0.9335	0.9600	0.1187	0.15	1.1	306	68	1.05	0.78	77.78
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9228	0.9400	0.0971	0.43	1.11	86	18	1.02	0.77	79.07
Microbiology													
	E. coli	0.0000	cfu/100 mL	0.0000	0.0000	0.0000	0	0	115	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4003	0.4200	0.1925	0	1.83	97	10	0.54	0.13	89.69
	pH	6.5 - 8.5		7.9265	8.0000	0.1396	7.44	8.01	17	0	8.01	7.44	100.00
	Total Chlorine	5.0000	mg/L	0.4050	0.4800	0.1798	0	0.71	18	0	0.71	0	100.00
	Total Coliforms	0.0000	cfu/100 mL	0.0087	0.0000	0.0933	0	1	115	1	0	0	99.13
	Turbidity	5.0000	NTU	0.9699	0.1950	3.2193	0	21.4	92	3	3.56	0	96.74