

Program:	Drinking Water Monitoring Program,Operational Monitoring Program,Project Program	Report Type:	Results Summary Report
AHS:	All	Entered Date Range:	-
PHU:	All	Barcode:	All
Water Utility:	All	Analysis Type:	All
Supply System:	All	Characteristics:	All
Town:	Raleigh, Mylestom, Repton, Bellingen, Urunga, 999 Lower Bellingen BE01 undefined	Treatment Type:	All
Treatment Plant:	Lower Bellingen	Collected Date Range:	01-01-2023 - 31-12-2023
Source:	Bellingen Bore		
Sample Site:	All		

Sample Count: 108

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	0.0367	0.0350	0.0172	0.01	0.07	12	0	0.07	0.01	100.00
	Antimony	0.0030	mg/L	0.0003	0.0003	0.0001	0.0001	0.0004	12	0	0.0004	0.0001	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	12	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0117	0.0114	0.0014	0.01	0.0147	12	0	0.0147	0.01	100.00
	Boron	4.0000	mg/L	0.0130	0.0125	0.0017	0.0112	0.0168	12	0	0.0168	0.0112	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	12	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	32.3500	32.9500	5.1300	22.4	39.1	12	0	39.1	22.4	100.00
	Chloride	250.0000	mg/L	13.9167	13.0000	2.0207	12	18	12	0	18	12	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	Chromium	0.0500	mg/L	0.0008	0.0008	0.0003	0.0005	0.001	12	0	0.001	0.0005	100.00
	Copper	2.0000	mg/L	0.0181	0.0125	0.0187	0.001	0.056	12	0	0.056	0.001	100.00
	Fluoride	1.5000	mg/L	0.9892	1.0050	0.0466	0.93	1.06	12	0	1.06	0.93	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9518	0.9600	0.0547	0.83	1	11	0	1	0.83	100.00
	Fluoride Ratio	0.8 - 1.2		0.9645	0.9600	0.0441	0.88	1.06	11	0	1.06	0.88	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	0.0325	0.0200	0.0391	0.01	0.15	12	0	0.15	0.01	100.00
	Lead	0.0100	mg/L	0.0004	0.0002	0.0005	0.0002	0.0021	12	0	0.0021	0.0002	100.00
	Magnesium	10000.0000	mg/L	2.7517	2.9200	0.5372	1.6	3.22	12	0	3.22	1.6	100.00
	Manganese	0.5000	mg/L	0.0031	0.0024	0.0027	0.0006	0.0101	12	0	0.0101	0.0006	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	12	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0002	0.0002	0.0001	0.0001	0.0004	12	0	0.0004	0.0001	100.00
	Nickel	0.0200	mg/L	0.0003	0.0002	0.0001	0.0002	0.0006	12	0	0.0006	0.0002	100.00
	Nitrate	50.0000	mg/L	1.0833	1.0000	0.2887	1	2	12	0	2	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		7.5833	7.5500	0.2657	7	7.9	12	0	7.9	7	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	12	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0010	0.0002	0.0025	0.0001	0.0087	12	0	0.0087	0.0001	100.00
	Sodium	180.0000	mg/L	61.1667	55.0000	21.7081	44	110	12	0	110	44	100.00
	Sulfate	250.0000	mg/L	9.7500	10.0000	1.9129	6	13	12	0	13	6	100.00
Total Dissolved Solids (TDS)	10000.0000	mg/L	200.1667	179.5000	50.0942	163	311	12	0	311	163	100.00	
Total Hardness as CaCO3	200.0000	mg/L	92.1167	92.2000	12.3770	68.8	110.6	12	0	110.6	68.8	100.00	
True Colour	15.0000	Hazen Units (HU)	0.7083	0.5000	0.2575	0.5	1	12	0	1	0.5	100.00	
Turbidity	5.0000	NTU	0.5500	0.3000	0.5725	0.05	1.7	12	0	1.7	0.05	100.00	
Uranium	0.0200	mg/L	0.0001	0.0001	0.0001	0.00005	0.0002	12	0	0.0002	0.00005	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	Zinc	3.0000	mg/L	0.0142	0.0100	0.0051	0.01	0.02	12	0	0.02	0.01	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	94	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4416	0.4600	0.1232	0.12	0.7	96	2	0.62	0.22	97.92
	Total Chlorine	5.0000	mg/L	0.5000	0.5000	0.0000	0.5	0.5	1	0	0.5	0.5	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	94	0	0	0	100.00
	Turbidity	5.0000	NTU	0.6766	0.5200	0.6051	0.18	3.41	95	0	1.61	0.2	100.00