

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:	Dorrigo	Treatment Type:	All
Treatment Plant:	Dorrigo	Collected Date Range:	01-01-2023 - 31-12-2023
Source:	Bielsdown River, Rocky Creek		
Sample Site:	All		

Sample Count: 64

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	0.0000	0.04	0.04	2	0	0.04	0.04	100.00
	Antimony	0.0030	mg/L	0.0002	0.0002	0.0000	0.0002	0.0002	2	0	0.0002	0.0002	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0093	0.0093	0.0008	0.0087	0.0098	2	0	0.0098	0.0087	100.00
	Boron	4.0000	mg/L	0.0069	0.0069	0.0006	0.0065	0.0073	2	0	0.0073	0.0065	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	9.0500	9.0500	1.0607	8.3	9.8	2	0	9.8	8.3	100.00
	Chloride	250.0000	mg/L	8.0000	8.0000	0.0000	8	8	2	0	8	8	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	0.0005	0.0005	0.0000	0.0005	0.0005	2	0	0.0005	0.0005	100.00
	Copper	2.0000	mg/L	0.0025	0.0025	0.0007	0.002	0.003	2	0	0.003	0.002	100.00
	Fluoride	1.5000	mg/L	1.0500	1.0500	0.0141	1.04	1.06	2	0	1.06	1.04	100.00
	Fluoride (WU result)	1.5000	mg/L	1.0200	1.0200	0.0283	1	1.04	2	0	1.04	1	100.00
	Fluoride Ratio	0.8 - 1.2		0.9700	0.9700	0.0141	0.96	0.98	2	0	0.98	0.96	100.00
	Iodine	0.5000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00
	Iron	0.3000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00
	Lead	0.0100	mg/L	0.0002	0.0002	0.0001	0.0001	0.0002	2	0	0.0002	0.0001	100.00
	Magnesium	10000.0000	mg/L	0.7600	0.7600	0.0849	0.7	0.82	2	0	0.82	0.7	100.00
	Manganese	0.5000	mg/L	0.0040	0.0040	0.0011	0.0032	0.0048	2	0	0.0048	0.0032	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	2	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	0.00005	100.00
	Nickel	0.0200	mg/L	0.0002	0.0002	0.0000	0.0002	0.0002	2	0	0.0002	0.0002	100.00
	Nitrate	50.0000	mg/L	1.0000	1.0000	0.0000	1	1	2	0	1	1	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.3000	7.3000	0.0000	7.3	7.3	2	0	7.3	7.3	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	2	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0003	0.0003	0.0001	0.0002	0.0003	2	0	0.0003	0.0002	100.00
	Sodium	180.0000	mg/L	46.5000	46.5000	4.9497	43	50	2	0	50	43	100.00
	Sulfate	250.0000	mg/L	20.0000	20.0000	4.2426	17	23	2	0	23	17	100.00
Total Dissolved Solids (TDS)	10000.0000	mg/L	115.0000	115.0000	15.5563	104	126	2	0	126	104	100.00	
Total Hardness as CaCO3	200.0000	mg/L	25.7000	25.7000	2.9698	23.6	27.8	2	0	27.8	23.6	100.00	
True Colour	15.0000	Hazen Units (HU)	1.0000	1.0000	0.0000	1	1	2	0	1	1	100.00	
Turbidity	5.0000	NTU	0.0750	0.0750	0.0354	0.05	0.1	2	0	0.1	0.05	100.00	
Uranium	0.0200	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	2	0	0.00005	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	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	1.0310	1.0350	0.1133	0.75	1.15	10	0	1.15	0.75	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9810	0.9950	0.0578	0.83	1.03	10	0	1.03	0.83	100.00
	Fluoride Ratio	0.8 - 1.2		0.9580	0.9600	0.0660	0.88	1.11	10	0	1.11	0.88	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	51	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	0.4223	0.4450	0.1418	0.04	0.69	52	4	0.62	0.13	92.31
	Total Coliforms	0.0000	mpn/100 mL	0.1961	0.0000	1.2652	0	9	51	2	0	0	96.08
	Turbidity	5.0000	NTU	0.3473	0.2600	0.3775	0.13	2.73	52	0	0.67	0.15	100.00