

## Coutts Crossing Drinking Water Quality Report December 2024

Program: Drinking Water Monitoring Program	Barcode: All
Date Range: 01-01-2024 - 31-12-2024	Analysis Type: All
Water Utility: Clarence Valley Council	Characteristics: All
Supply System: Coutts Crossing CV01	Sample Types: All – Sample Count 48

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	0.0600	0.0600	0.0000	0.06	0.06	2	0	0.06	0.06	100.00
	Antimony	0.0030	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	2	0	0.0001	0.0001	100.00
	Arsenic	0.0100	mg/L	0.0008	0.0008	0.0004	0.0005	0.001	2	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0148	0.0148	0.0047	0.0114	0.0181	2	0	0.0181	0.0114	100.00
	Boron	4.0000	mg/L	0.0071	0.0071	0.0008	0.0065	0.0077	2	0	0.0077	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	2.5500	2.5500	0.0707	2.5	2.6	2	0	2.6	2.5	100.00
	Chloride	250.0000	mg/L	10.0000	10.0000	1.4142	9	11	2	0	11	9	100.00
	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	0.0145	0.0145	0.0064	0.01	0.019	2	0	0.019	0.01	100.00
	Fluoride	1.5000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	2	0	0.05	0.05	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	0.1700	0.1700	0.0141	0.16	0.18	2	0	0.18	0.16	100.00
	Lead	0.0100	mg/L	0.0007	0.0007	0.0003	0.0005	0.0009	2	0	0.0009	0.0005	100.00
	Magnesium	10000.0000	mg/L	1.1300	1.1300	0.0990	1.06	1.2	2	0	1.2	1.06	100.00

Manganese	0.5000	mg/L	0.0014	0.0014	0.0008	0.0008	0.002	2	0	0.002	0.0008	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	0.0001	2	0	0.0001	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		7.0500	7.0500	0.4950	6.7	7.4	2	0	7.4	6.7	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	0.0001	0.0001	0.0000	0.0001	0.0001	2	0	0.0001	0.0001	100.00
Sodium	180.0000	mg/L	5.5000	5.5000	0.7071	5	6	2	0	6	5	100.00
Sulfate	250.0000	mg/L	1.0000	1.0000	0.0000	1	1	2	0	1	1	100.00
Total Dissolved Solids (TDS)	10000.0000	mg/L	30.0000	30.0000	9.8995	23	37	2	0	37	23	100.00
Total Hardness as CaCO3	200.0000	mg/L	11.0000	11.0000	0.5657	10.6	11.4	2	0	11.4	10.6	100.00
True Colour	15.0000	Hazen Units (HU)	4.0000	4.0000	0.0000	4	4	2	0	4	4	100.00
Turbidity	5.0000	NTU	0.6000	0.6000	0.1414	0.5	0.7	2	0	0.7	0.5	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
Zinc	3.0000	mg/L	0.0150	0.0150	0.0071	0.01	0.02	2	0	0.02	0.01	100.00
Microbiology												
E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	46	0	0	0	100.00
Free Chlorine	0.2 - 5	mg/L	1.7700	1.8500	0.4735	0.94	2.55	46	0	2.52	0.96	100.00
pH	6.5 - 8.5		6.5189	6.6000	0.3922	5.7	7.4	37	14	7	5.7	62.16
Temperature	30.0000	C	21.4826	21.9500	4.4712	4.3	28	46	0	26.9	16.1	100.00
Total Chlorine	5.0000	mg/L	1.9248	2.0550	0.5139	0.37	2.81	46	0	2.54	1.13	100.00
Total Coliforms	0.0000	mpn/100 mL	0.0217	0.0000	0.1474	0	1	46	1	0	0	97.83