

Result Summary Report

Program:	Drinking Water Monitoring Program	Barcode:	All
Date Range:	01-07-2023 - 30-06-2024	Analysis Type:	All
Water Utility:	All	Characteristics:	All
Supply System:	Murrurundi UH03	Sample Types:	All

Sample Count: 52

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	0.1100	0.1100	0.0566	0.07	0.15	2	0	0.15	0.07	100.00
	Antimony	0.0030	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	2	0	0.0001	0.00005	100.00
	Arsenic	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	2	0	0.001	0.001	100.00
	Barium	2.0000	mg/L	0.0153	0.0153	0.0008	0.0147	0.0159	2	0	0.0159	0.0147	100.00
	Boron	4.0000	mg/L	0.0249	0.0249	0.0017	0.0237	0.0261	2	0	0.0261	0.0237	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	33.0000	33.0000	0.7071	32.5	33.5	2	0	33.5	32.5	100.00
	Chloride	250.0000	mg/L	19.0000	19.0000	0.0000	19	19	2	0	19	19	100.00
	Chromium	0.0500	mg/L	0.0008	0.0008	0.0004	0.0005	0.001	2	0	0.001	0.0005	100.00
	Copper	2.0000	mg/L	0.0105	0.0105	0.0035	0.008	0.013	2	0	0.013	0.008	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	Fluoride	1.5000	mg/L	0.1350	0.1350	0.0071	0.13	0.14	2	0	0.14	0.13	100.00
	Iodine	0.5000	mg/L	0.0150	0.0150	0.0071	0.01	0.02	2	0	0.02	0.01	100.00
	Iron	0.3000	mg/L	0.0150	0.0150	0.0071	0.01	0.02	2	0	0.02	0.01	100.00
	Lead	0.0100	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	2	0	0.0001	0.0001	100.00
	Magnesium	10000.0000	mg/L	16.2950	16.2950	0.9405	15.63	16.96	2	0	16.96	15.63	100.00
	Manganese	0.5000	mg/L	0.0031	0.0031	0.0021	0.0016	0.0045	2	0	0.0045	0.0016	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	0.0005	0.0005	0.0001	0.0004	0.0005	2	0	0.0005	0.0004	100.00
	Nickel	0.0200	mg/L	0.0004	0.0004	0.0003	0.0002	0.0006	2	0	0.0006	0.0002	100.00
	Nitrate	50.0000	mg/L	0.5000	0.5000	0.0000	0.5	0.5	2	0	0.5	0.5	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		8.2500	8.2500	0.0707	8.2	8.3	2	0	8.3	8.2	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	18.5000	18.5000	0.7071	18	19	2	0	19	18	100.00
	Sulfate	250.0000	mg/L	18.0000	18.0000	0.0000	18	18	2	0	18	18	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	167.0000	167.0000	5.6569	163	171	2	0	171	163	100.00
	Total Hardness as CaCO3	200.0000	mg/L	149.5000	149.5000	2.1213	148	151	2	0	151	148	100.00
	True Colour	15.0000	Hazen Units (HU)	2.0000	2.0000	1.4142	1	3	2	0	3	1	100.00
	Turbidity	5.0000	NTU	0.4500	0.4500	0.4950	0.1	0.8	2	0	0.8	0.1	100.00
	Uranium	0.0200	mg/L	0.0002	0.0002	0.0000	0.0002	0.0002	2	0	0.0002	0.0002	100.00
	Zinc	3.0000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	2	0	0.01	0.01	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	50	0	0	0	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
Microbiology	Free Chlorine	0.2 - 5	mg/L	0.9318	0.9850	0.2374	0.32	1.28	50	0	1.26	0.44	100.00
	pH	6.5 - 8.5		7.5762	7.6050	0.1759	7.11	7.88	50	0	7.79	7.18	100.00
	Temperature	30.0000	C	20.5500	21.0500	6.2730	13.9	26.2	4	0	26.2	13.9	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	50	0	0	0	100.00
	Turbidity	5.0000	NTU	1.3224	1.1750	0.4685	0.65	2.86	50	0	2.14	0.77	100.00