

# Result Summary Report

Program:  
**Drinking Water Monitoring Program**

Date Range: **01-07-2023 - 30-06-2024**

Water Utility:  
**Griffith GT01**

Supply System:

Barcode: All

Analysis Type: All

Characteristics: All

Sample Types: All

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline
Chemistry													
	Aluminium	0.2000	mg/L	0.0083	0.0100	0.0025	0.005	0.01	12	0	0.01	0.005	100.00
	Antimony	0.0030	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	12	0	0.0001	0.00005	100.00
	Arsenic	0.0100	mg/L	0.0009	0.0010	0.0002	0.0005	0.001	12	0	0.001	0.0005	100.00
	Barium	2.0000	mg/L	0.0275	0.0282	0.0052	0.0181	0.0359	12	0	0.0359	0.0181	100.00
	Boron	4.0000	mg/L	0.0098	0.0097	0.0012	0.0083	0.0118	12	0	0.0118	0.0083	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	12.2750	12.0000	2.3460	8.3	16.4	12	0	16.4	8.3	100.00
	Chloride	250.0000	mg/L	24.9167	21.0000	9.3562	15	43	12	0	43	15	100.00
	Chromium	0.0500	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	12	0	0.0005	0.0005	100.00
	Copper	2.0000	mg/L	0.0153	0.0125	0.0118	0.002	0.032	12	0	0.032	0.002	100.00
	Fluoride	1.5000	mg/L	0.8358	0.8700	0.1746	0.3	0.95	12	0	0.95	0.3	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9127	0.9500	0.0890	0.69	0.99	11	0	0.99	0.69	100.00
	Fluoride Ratio	0.8 - 1.2		1.1718	1.0800	0.3756	1	2.3	11	1	2.3	1	90.91
	Iodine	0.5000	mg/L	0.0158	0.0200	0.0051	0.01	0.02	12	0	0.02	0.01	100.00
	Iron	0.3000	mg/L	0.0121	0.0050	0.0188	0.005	0.07	12	0	0.07	0.005	100.00
	Lead	0.0100	mg/L	0.0007	0.0004	0.0008	0.0001	0.003	12	0	0.003	0.0001	100.00
	Magnesium	10000.0000	mg/L	7.4967	6.8650	1.8756	4.91	11.41	12	0	11.41	4.91	100.00
	Manganese	0.5000	mg/L	0.0017	0.0013	0.0014	0.0005	0.0051	12	0	0.0051	0.0005	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	0.0000	0.0001	0.0002	12	0	0.0002	0.0001	100.00
	Nickel	0.0200	mg/L	0.0005	0.0005	0.0004	0.0002	0.0017	12	0	0.0017	0.0002	100.00
	Nitrate	50.0000	mg/L	0.5417	0.5000	0.1443	0.5	1	12	0	1	0.5	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		7.5000	7.4500	0.1206	7.4	7.7	12	0	7.7	7.4	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	0.0001	0.0001	0.0000	0.0001	0.0001	12	0	0.0001	0.0001	100.00

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Analysis Type: All

Characteristics: All

Sample Types: All

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline
	Sodium	180.0000	mg/L	15.8333	14.0000	4.4687	10	25	12	0	25	10	100.00
	Sulfate	250.0000	mg/L	6.2500	5.5000	1.8647	4	9	12	0	9	4	100.00
	Total Dissolved Solids (TDS)	10000.0000	mg/L	84.8333	79.5000	18.5268	56	117	12	0	117	56	100.00
	Total Hardness as CaCO3	200.0000	mg/L	61.5250	57.4500	13.3289	40.9	87.9	12	0	87.9	40.9	100.00
	True Colour	15.0000	Hazen Units (HU)	1.0417	1.0000	0.4981	0.5	2	12	0	2	0.5	100.00
	Turbidity	5.0000	NTU	0.1250	0.1000	0.1011	0.05	0.4	12	0	0.4	0.05	100.00
	Uranium	0.0200	mg/L	0.0001	0.0001	0.0000	0.00005	0.0001	12	0	0.0001	0.00005	100.00
	Zinc	3.0000	mg/L	0.0175	0.0100	0.0154	0.01	0.05	12	0	0.05	0.01	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	175	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	1.5764	1.5100	0.5577	0.56	2.8	174	0	2.54	0.73	100.00
	pH	6.5 - 8.5		7.4629	7.4800	0.1261	7.1	7.77	174	0	7.64	7.26	100.00
	Temperature	30.0000	C	19.7264	19.5000	4.4474	11.3	26.9	174	0	26.1	13.2	100.00
	Total Chlorine	5.0000	mg/L	1.8094	1.7750	0.6108	0.75	3.25	174	0	2.87	0.9	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.0114	0.0000	0.1512	0	2	175	1	0	0	99.43
	Turbidity	5.0000	NTU	0.2994	0.2400	0.1613	0.11	0.85	174	0	0.65	0.15	100.00