

Result Summary Report

Drinking Water Monitoring Program

01-05-2020 - 31-05-2020

Date
Range:
Water
Utility:
Supply
System:

Griffith GT01

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	0.0050	0.0050	0.0000	0.005	0.005	1	0	0.005	0.005	100.00
	Antimony	0.0030	mg/L	0.0002	0.0002	0.0000	0.0002	0.0002	1	0	0.0002	0.0002	100.00
	Arsenic	0.0100	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	1	0	0.0005	0.0005	100.00
	Barium	2.0000	mg/L	0.0369	0.0369	0.0000	0.0369	0.0369	1	0	0.0369	0.0369	100.00
	Boron	4.0000	mg/L	0.0175	0.0175	0.0000	0.0175	0.0175	1	0	0.0175	0.0175	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	1	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	10.5000	10.5000	0.0000	10.5	10.5	1	0	10.5	10.5	100.00
	Chloride	250.0000	mg/L	19.0000	19.0000	0.0000	19	19	1	0	19	19	100.00
	Chromium	0.0500	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	1	0	0.0005	0.0005	100.00
	Copper	2.0000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	1	0	0.01	0.01	100.00
	Fluoride	1.5000	mg/L	0.8900	0.8900	0.0000	0.89	0.89	1	0	0.89	0.89	100.00
	Fluoride (WU result)	1.5000	mg/L	0.9000	0.9000	0.0000	0.9	0.9	1	0	0.9	0.9	100.00
	Fluoride Ratio	0.8 - 1.2		1.0100	1.0100	0.0000	1.01	1.01	1	0	1.01	1.01	100.00
	Iodine	0.5000	mg/L	0.0200	0.0200	0.0000	0.02	0.02	1	0	0.02	0.02	100.00
	Iron	0.3000	mg/L	0.0050	0.0050	0.0000	0.005	0.005	1	0	0.005	0.005	100.00
	Lead	0.0100	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	1	0	0.0001	0.0001	100.00
	Magnesium	10000.0000	mg/L	4.4100	4.4100	0.0000	4.41	4.41	1	0	4.41	4.41	100.00
	Manganese	0.5000	mg/L	0.0006	0.0006	0.0000	0.0006	0.0006	1	0	0.0006	0.0006	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	1	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0003	0.0003	0.0000	0.0003	0.0003	1	0	0.0003	0.0003	100.00
	Nickel	0.0200	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	1	0	0.0004	0.0004	100.00
	Nitrate	50.0000	mg/L	0.5000	0.5000	0.0000	0.5	0.5	1	0	0.5	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	1	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.9000	7.9000	0.0000	7.9	7.9	1	0	7.9	7.9	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	1	0	0.0035	0.0035	100.00

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	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	1	0	0.0001	0.0001	100.00
	Sodium	180.0000	mg/L	15.0000	15.0000	0.0000	15	15	1	0	15	15	100.00
	Sulfate	500.0000	mg/L	5.0000	5.0000	0.0000	5	5	1	0	5	5	100.00
	Total Dissolved Solids (TDS)	600.0000	mg/L	93.0000	93.0000	0.0000	93	93	1	0	93	93	100.00
	Total Hardness as CaCO3	200.0000	mg/L	44.4000	44.4000	0.0000	44.4	44.4	1	0	44.4	44.4	100.00
	True Colour	15.0000	Hazen Units (HU)	1.0000	1.0000	0.0000	1	1	1	0	1	1	100.00
	Turbidity	5.0000	NTU	0.0500	0.0500	0.0000	0.05	0.05	1	0	0.05	0.05	100.00
	Uranium	0.0170	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	1	0	0.0001	0.0001	100.00
	Zinc	3.0000	mg/L	0.0400	0.0400	0.0000	0.04	0.04	1	0	0.04	0.04	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	14	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	1.4714	1.3850	0.6360	0.42	2.6	14	0	2.6	0.42	100.00
	pH	6.5 - 8.5		7.6886	7.6500	0.2942	7.1	8.3	14	0	8.3	7.1	100.00
	Temperature	30.0000	C	17.8214	18.0500	1.2148	15	19.3	14	0	19.3	15	100.00
	Total Chlorine	5.0000	mg/L	1.7793	1.5450	0.8871	0.6	3.5	14	0	3.5	0.6	100.00
	Total Coliforms	0.0000	mpn/100 mL	0.3571	0.0000	1.0818	0	4	14	2	4	0	85.71
	Turbidity	5.0000	NTU	0.1807	0.1550	0.0869	0.1	0.43	14	0	0.43	0.1	100.00