

Result Summary Report

Drinking Water Monitoring Program

Date Range: **01-05-2018 - 30-04-2019**

Water Utility:

Analysis Type: All

Characteristics: All

Supply System: **Yenda GT02**

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	0.0300	0.0300	0.0000	0.03	0.03	1	0	0.03	0.03	100.00
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	1	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	1	0	0.001	0.001	100.00
	Barium	2.0000	mg/L	0.0380	0.0380	0.0000	0.038	0.038	1	0	0.038	0.038	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	1	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	1	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	8.7000	8.7000	0.0000	8.7	8.7	1	0	8.7	8.7	100.00
	Chloride	250.0000	mg/L	13.0000	13.0000	0.0000	13	13	1	0	13	13	100.00
	Chromium	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	1	0	0.0025	0.0025	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	0.9900	0.9900	0.0000	0.99	0.99	1	0	0.99	0.99	100.00
	Fluoride (WU result)	1.5000	mg/L	1.1500	1.1500	0.0000	1.15	1.15	1	0	1.15	1.15	100.00
	Fluoride Ratio	0.8 - 1.2		1.1600	1.1600	0.0000	1.16	1.16	1	0	1.16	1.16	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	0.0010	0.0010	0.0000	0.001	0.001	1	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	3.9400	3.9400	0.0000	3.94	3.94	1	0	3.94	3.94	100.00
	Manganese	0.5000	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	1	0	0.0025	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	1	0	0.00005	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	1	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	1	0	0.005	0.005	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		7.5000	7.5000	0.0000	7.5	7.5	1	0	7.5	7.5	100.00
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	1	0	0.001	0.001	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	1	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	12.0000	12.0000	0.0000	12	12	1	0	12	12	100.00
	Sulfate	500.0000	mg/L	3.0000	3.0000	0.0000	3	3	1	0	3	3	100.00

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	Total Dissolved Solids (TDS)	600.0000	mg/L	67.0000	67.0000	0.0000	67	67	1	0	67	67	100.00
	Total Hardness as CaCO3	200.0000	mg/L	37.9000	37.9000	0.0000	37.9	37.9	1	0	37.9	37.9	100.00
	True Colour	15.0000	Hazen Units (HU)	2.0000	2.0000	0.0000	2	2	1	0	2	2	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	0.0025	0.0025	0.0000	0.0025	0.0025	1	0	0.0025	0.0025	100.00
	Zinc	3.0000	mg/L	0.0100	0.0100	0.0000	0.01	0.01	1	0	0.01	0.01	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	1.7776	1.7200	0.3910	1.15	3.1	51	0	2.7	1.24	100.00
	pH	6.5 - 8.5		7.9022	7.9400	0.1900	7.36	8.29	51	0	8.17	7.51	100.00
	Temperature	30.0000	C	19.9255	20.6000	5.7487	9.5	29.9	47	0	29.6	12	100.00
	Total Chlorine	5.0000	mg/L	1.9343	1.8700	0.4395	1.25	3.2	51	0	2.9	1.31	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	0.1702	0.1600	0.0521	0.05	0.33	51	0	0.3	0.11	100.00