

WQR Summary January 2022 - December 2022	Raw Water Total Organic Carbon MG/L	Filtered Total Organic Carbon MG/L	Filtered Total Organic Carbon Removal %	Filtered Total Organic Carbon Removal Ratio	Site 501 Total Haloacetic Acid UG/L	Site 501 Haloacetic Acid Location Average UG/L	Site 501 Total Tri- Halomethane UG/L	Site 501 Total Tri- Halomethane Location Average UG/L	Site 502 Total Haloacetic Acid UG/L	Site 502 Haloacetic Acid Location Average UG/L	Site 502 Total Tri- Halomethane UG/L
January-22	1.50	0.98	35%	1.00							
February-22	1.70	1.10	35%	1.01	35.00	28.73	37.50	32.07	44.00	35.90	46.10
March-22	1.20	1.00	17%	1.00							
April-22	1.10	0.98	11%	1.00							
May-22	1.50	1.10	27%	1.00							
June-22	1.60	0.50	69%	1.96	32.00	33.25	36.10	37.73	38.00	41.25	44.90
July-22	2.50	1.30	48%	1.37							
August-22	2.20	1.50	32%	1.00	45.00	35.75	45.30	39.63	42.00	41.75	79.50
September-22	2.20	1.10	50%	1.43							
October-22	1.70	1.00	41%	1.18							
November-22	2.10	0.89	58%	1.65	15.30	31.83	17.90	34.20	16.50	35.13	25.90
December-22	1.70	0.91	46%	1.33							
Avg	1.75	1.03	39%	1.24		32.39		35.91		38.51	
Max	2.50	1.50	69%	1.96		35.75		39.63		41.75	
Min	1.10	0.50	11%	1.00		28.73		32.07		35.13	
MCLG			35% Annual Avg.	1.00 Annual Avg.		n/a		n/a		n/a	
MCL			n/a	n/a		60 UG/L		80 UG/L		60 UG/L	

Maximum Contaminant Level Goal ( MCLG ) - The level of a contaminant in drinking water below which there is no known or expected risk to health.

MCLG's allow for a margin of safety.

Maximum Contaminant Level ( MCL ) - The highest level of a contaminant that is allowed in drinking water.

MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Total Haloacetic Acids ( THAA ) - By product of drinking water chlorination.

Total Trihalomethanes ( THM ) - By product of drinking water chlorination.

Locational Running Annual Average ( LRAA )

WQR Summary January 2022 - December 2022	Site 502 Total Tri- Halomethane Location Average UG/L	Distribution 1 Chlorine MG/L	Distribution 1 Coliform #/100ML	Distribution 2 Chlorine MG/L	Distribution 2 Coliform #/100ML	Distribution 3 Chlorine MG/L	Distribution 3 Coliform #/100ML	Distribution 4 Chlorine MG/L	Distribution 4 Coliform #/100ML	Distribution 5 Chlorine MG/L	Distribution 5 Coliform #/100ML
January-22		1.60	0.00	1.25	0.00	1.75	0.00	1.37	0.00	1.73	0.00
February-22	43.73	0.93	0.00	1.31	0.00	1.36	0.00	1.25	0.00	1.65	0.00
March-22		1.55	0.00	1.47	0.00	1.20	0.00	1.28	0.00	1.49	0.00
April-22		1.51	0.00	1.29	0.00	1.51	0.00	1.06	0.00	1.52	0.00
May-22		0.51	0.00	1.45	0.00	1.46	0.00	1.00	0.00	1.39	0.00
June-22	49.33	1.53	0.00	1.41	0.00	0.48	0.00	1.38	0.00	1.58	0.00
July-22		1.64	0.00	0.70	0.00	1.26	0.00	0.75	0.00	1.55	0.00
August-22	56.83	1.15	0.00	1.52	0.00	1.44	0.00	0.78	0.00	1.79	0.00
September-22		1.82	0.00	1.69	0.00	1.57	0.00	1.45	0.00	1.42	0.00
October-22		1.59	0.00	1.33	0.00	1.66	0.00	0.83	0.00	1.56	0.00
November-22	49.10	1.09	0.00	1.37	0.00	1.36	0.00	1.14	0.00	1.57	0.00
December-22		1.61	0.00	1.51	0.00	0.99	0.00	1.43	0.00	1.65	0.00
Avg	49.75	1.38	0.00	1.36	0.00	1.34	0.00	1.14	0.00	1.58	0.00
Max	56.83	1.82	0.00	1.69	0.00	1.75	0.00	1.45	0.00	1.79	0.00
Min	43.73	0.51	0.00	0.70	0.00	0.48	0.00	0.75	0.00	1.39	0.00
MCLG	n/a		0		0		0		0		0
MCL	80 UG/L		1		1		1		1		1

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Total Haloacetic Acids ( THAA ) - By product of drinking water chlorination.

Total Trihalomethanes ( TTHM ) - By product of drinking water chlorination.

Locational Running Annual Average ( LRAA )

WQR Summary January 2021 - December 2021	Distribution 6 Chlorine MG/L	Distribution 6 Coliform #/100ML	Distribution 7 Chlorine MG/L	Distribution 7 Coliform #/100ML	Nitrate-Nitrite MG/L One time per Year	Copper* Total UG/L	Lead* Total UG/L	Sodium UG/L Once per Year	Chloroform UG/L Once per Year	Bromo-dichloro- methane UG/L Once per Year	Filtered Water AVG Turbidity NTU
January-22	0.74	0.00	0.56	0.00							0.06
February-22	1.66	0.00	1.27	0.00							0.06
March-22	1.55	0.00	1.61	0.00							0.07
April-22	0.69	0.00	1.49	0.00	0.68						0.07
May-22	1.39	0.00	1.10	0.00							0.08
June-22	1.65	0.00	1.73	0.00		84.00	1.30				0.07
July-22	0.51	0.00	1.51	0.00							0.10
August-22	1.82	0.00	0.76	0.00							0.08
September-22	1.49	0.00	1.37	0.00							0.07
October-22	0.60	0.00	0.97	0.00							0.07
November-22	1.59	0.00	1.15	0.00							0.04
December-22	1.34	0.00	1.66	0.00							0.04
Avg	1.25	0.00	1.27	0.00				6300			0.07
Max	1.82	0.00	1.73	0.00				6300			0.10
Min	0.51	0.00	0.56	0.00				6300			0.04
MCLG		0		0	10-Nitrate 1-Nitrite			n/a	70	60	0.30
MCL		1		1	10-Nitrate 1-Nitrite	90th percentile	90th percentile	n/a	80	80	0.30

MCLG's allow for a margin of safety.

MCLG's are set as close to the MCLG's as feasible using the best available treatment technology.

Total Haloacetic Acids ( THAA ) - By product of drinking water chlorination.

Total Trihalomethanes ( TTHM ) - By product of drinking water chlorination.

Locational Running Annual Average ( LRAA )

\*Note -

Maximum Contaminant Level Goal ( MCLG ) - The level of a contaminant in drinking water below which there is no known or expected risk to health.

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WQR Summary January 2022 - December 2022	Filtered Water Max Turbidity NTU	Finished Water Fluoride AVG MG/L	Finished Water Phosphate AVG MG/L	Finished Water Iron AVG MG/L	Finished Water Manganese AVG MG/L	Finished Water Minimum Chlorine MG/L	Finished Water pH AVG		
January-22	0.14	0.83	2.01	0.02	0.003	1.30	7.55		
February-22	0.13	0.85	1.99	0.01	0.003	1.13	7.56		
March-22	0.13	0.83	1.96	0.01	0.003	1.20	7.52		
April-22	0.14	0.82	1.97	0.01	0.002	1.18	7.55		
May-22	0.16	0.78	1.82	0.01	0.003	1.08	7.56		
June-22	0.14	0.75	1.77	0.01	0.003	1.14	7.61		
July-22	0.26	0.74	1.79	0.01	0.002	1.10	7.62		
August-22	0.18	0.73	1.90	0.01	0.002	1.24	7.68		
September-22	0.26	0.72	1.45	0.01	0.007	1.36	7.84		
October-22	0.23	0.74	1.15	0.01	0.005	1.35	7.94		
November-22	0.10	0.77	1.12	0.01	0.005	1.26	7.95		
December-22	0.09	0.79	1.15	0.01	0.004	1.47	7.74		
Avg	0.16	0.78	1.67	0.01	0.004	1.23	7.68		
Max	0.26	0.85	2.01	0.02	0.007	1.47	7.95		
Min	0.09	0.72	1.12	0.01	0.002	1.08	7.52		
MCLG	0.00	4.00	1.6 - 2.0	0.30	0.05	4.00	6.5 - 8.5		
MCL	1.00	4.00	38.00**	0.30	0.05	4.00	6.5 - 8.5		

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\*\*Note. Finished Water Phosphate MCL is for Specific Corrosion Inhibitor used by City Of Corneilia Water Treatment Plant