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## KEY TREATED DRINKING WATER PARAMETERS 2019

<b>Treated Water Paramete</b>	er Units	Drinking Water	Limit / Guideline
		Annual Average	as defined by Alberta Environment & Parks or th Guidelines for Canadian Drinking Water Quality (20
ENERAL WATER CHEMIS	ſRY		Sunderines for canadian prinking water Quarty (20
Colour	TCU	1	≤15
pН		7.97	6.5 – 8.5
Turbidity	NTU	0.06	<5
Chlorine Residual	mg/L	2.14	≥0.1 and ≤ 3.0
NORGANIC PARAMETERS	;		
Aluminum	mg/L	0.07	<0.1
Arsenic	mg/L	<0.001	0.010
Barium	mg/L	0.11	1.0
Cadmium	mg/L	<0.00005	0.005
Calcium	mg/L	55.28	No limit
Chromium	mg/L	0.002	0.05
Copper	mg/L	0.001	≤1.0
Iron	mg/L	0.10	≤0.3
Lead	mg/L	<0.0005	0.005
Magnesium	mg/L	18.03	No limit
Manganese	mg/L	0.008	≤0.02
Mercury	mg/L	<0.000025	<0.001
Nitrate	mg/L	0.19	45
Nitrite	mg/L	0.03	3
Potassium	mg/L	1.52	No limit
Sodium	mg/L	14.5	≤200
Sulfate	mg/L	65.25	≤500
Zinc	mg/L	0.01	≤5.0
Fluoride	mg/L	0.68	(AEP: ≥0.6 and ≤ 0.8) (CDWQ MAC : 1.5mg
Hardness (as CaCO <sub>3</sub> )	mg/L	208	No limit
Total Dissolved Solids	mg/L	248	≤500
Total (5) Haloacetic Acid		0.034	0.08 (yearly running average)
Chlorate	mg/L	0.3	1
Chlorite	mg/L	<0.1	1
Total Trihalomethanes	mg/L	0.03	0.1
			IN THE DISTRIBUTION SYSTEM
Treated Water Paramete		Drinking Water	Limit
		Annual Average	as defined by AEP
IORGANIC PARAMETERS			
Turbidity	NTU	0.38	<5
Chlorine Residual	mg/L	1.76	$\geq 0.1$ and $\leq 3.0$
IICROBIOLOGICAL			
Parameter S	amples Collected	Samples Tested	Neg Pos % Pos
Total Coliform	1386	1364	1386 1 0.07
ITE: A positive is thoroughly inve		e actions employed where poss amination within the Distributi	ible; typically this indicates an issue with the sample rathe on System.
SAMPLE LOCAT			STEM (AT LONGEST DETENTION TIME)
<b>Treated Water Paramet</b>		Ave	Guideline
			Guidelines for Canadian Drinking Water Quality (201
ISINFECTION BY PRODUC	TS		
Total Trihalomethanes	s mg/L	0.021	0.1
Total (C) Uplessatio Asia		0.022	0.09 (vestly running systems)

Total (5) Haloacetic Acidsmg/L0.0330.08 (yearly running average)NOTE: the parameters given in the above tables are specific to the testing sample location. These parameters may vary at different locations throughout<br/>the distribution system.