

WATERLOO WATER WORKS

WATER ANALYSIS 2023

	Maximum Contaminant <u>Level</u>	Waterloo Water <u>Analysis</u>		Maximum Contaminant <u>Level</u>	Waterloo Water <u>Analysis</u>
<u>INORGANIC CHEMISTRY</u>			<i>Values below this point in mg/L or parts per million</i>		
pH Value	6.5-8.5	7.5	<u>VOLATILE ORGANIC</u>		
Spec. Conductance		468 umho/cm			
Total Alkalinity		211 mg/L	Halo Acetic Acids (HAA5)	0.060	<0.005
Total Hardness		321 mg/L	Trihalomethanes (TTHM)	0.080	0.0118
Total Calcium		87.6 mg/L	1,1-Dichloroethylene	0.007	ND
Total Silica		17.1 mg/L	1,2-Dichloroethane	0.005	ND
Total Dissolved Solids		405 mg/L	1,2-Dichloropropane	0.005	ND
			1,2,4-Trichlorobenzene	0.070	ND
			1,1,1-Trichloroethane	0.200	ND
			1,1,2-Trichloroethane	0.005	ND
			Benzene	0.005	ND
			Carbon tetrachloride	0.005	ND
			cis-1,2-Dichloroethylene	0.070	ND
			Dichloromethane	0.005	ND
			Ethylbenzene	0.700	ND
			Monochlorobenzene	0.100	ND
			1,2-Dichlorobenzene	0.600	ND
			1,4-Dichlorobenzene	0.075	ND
			Styrene	0.100	ND
			Tetrachloroethylene	0.005	0.0011
			Tolulene	1.000	ND
			trans 1,2-Dichloroethylene	0.100	ND
			Trichloroethylene	0.005	ND
			Vinyl Chloride	0.002	ND
			Xylenes (Total)	10.00	ND
			<u>SYNTHETIC ORGANICS</u>		
			2,4-D	0.070	ND
			2,4,5-TP (Silvex)	0.050	ND
			Alachlor (Lasso)	0.002	ND
			Aldicarb	0.003	ND
			Aldicarb Sulfone	0.003	ND
			Aldicarb Sulfoxide	0.004	ND
			Atrazine	0.003	ND
			Carbofuran	0.040	ND
			Chlorodane	0.002	ND
			Dalapon	0.200	ND
			Dinoseb	0.007	ND
			Diquat	0.020	ND
			Endrin	0.002	ND
			Endothall	0.100	ND
			Lindane	0.0002	ND
			Methoxychlor	0.040	ND
			Oxamyl (Vydate)	0.200	ND
<u>RADIONUCLIDES</u>					
Gross Alpha	15 pCi/L	2.81 pCi/L			
Radium 226	5 pCi/L	0.42 pCi/L			
Radium 228	5 pCi/L	0.47 pCi/L			
Combined Radium	5pCi/L	<1.0 pCi/L			
Uranium	30 ppb	1.7ppb			
ND – Not Detected					