



**Latest U.S. Health Environmental Protection Agency And/Or
Conn. State Health Dept. Standards vs. MDC Water
(Latest Analysis Averages for 2018)**

	Maximum Allowable Limits		MDC Water Analysis			
			Finished Water (Point of Entry)			
			North District		South District	
Aluminum	N/A	ppm ¹	0.021	ppm	<0.015	ppm
Antimony	0.006	ppm	N.D.	ppm	N.D.	ppm
Arsenic	0.010	ppm	N.D.	ppm	N.D.	ppm
Barium	2.00	ppm	N.D.	ppm	N.D.	ppm
Bromide	N/A	ppm	ND	ppm	ND	ppm
Beryllium	0.003	ppm	ND	ppm	ND	ppm
Cadmium	0.001	ppm	N.D.	ppm	N.D.	ppm
Calcium	N/A	ppm	3.43	ppm	4.60	ppm
Chlorides	250.0 ³	ppm	10.7	ppm	14.8	ppm
Chlorate	N/A	ppm	0.094	ppm	0.082	ppm
Chromium	0.10	ppm	N.D.	ppm	N.D.	ppm
Copper	1.3	ppm	<0.004	ppm	<0.004	ppm
Cyanide	0.20	ppm	N.D.	ppm	N.D.	ppm
Fluoride	4.00	ppm	0.69	ppm	0.71	ppm
Iron	0.30 ³	ppm	0.006	ppm	0.006	ppm
Lead	0.015	ppm	N.D.	ppm	N.D.	ppm
Magnesium	N/A	ppm	1.05	ppm	1.42	ppm
Manganese	N/A	ppm	ND	ppm	N.D.	ppm
Mercury	0.002	ppm	N.D.	ppm	N.D.	ppm
Nickel	0.10	ppm	N.D.	ppm	N.D.	ppm
Orthophosphates	N/A	ppm	0.99	ppm	0.96	ppm
Selenium	0.05	ppm	N.D.	ppm	N.D.	ppm
Silver	0.05	ppm	N.D.	ppm	N.D.	ppm
Sodium	28.0	ppm	6.6	ppm	10.7	ppm
Sulfates	250 ³	ppm	8	ppm	5	ppm
Thallium	0.002	ppm	N.D.	ppm	N.D.	ppm
Nitrite (as N)	1.00	ppm	N.D.	ppm	N.D.	ppm
Nitrate + Nitrite (as N)	10.0	ppm	<0.001	ppm	0.07	ppm
Nitrate (as N)	10.0	ppm	<0.001	ppm	0.07	ppm
Herbicides and Pesticides: (2018 data)						
Toxaphene	3.0	ppb ¹	N.D. ¹		N.D.	
2,4D Methyl Ester	70.0	ppb	N.D.		N.D.	
Endrin	2.0	ppb	N.D.		N.D.	
Lindane	0.2	ppb	N.D.		N.D.	
Methoxychlor	40.0	ppb	N.D.		N.D.	
2,3,4-TP (Silvex)	50.0	ppb	N.D.		N.D.	
Special Analytes (2018 data)						
Gross Alpha Part	15.0	pci/L ¹	ND	pci/L	ND	pci/L
Gross Beta Part	50.0	pci/L	ND	pci/L	ND	pci/L
Radium226	5	pci/L	ND	pci/L	ND	pci/L
Radium228	No Standard	pci/L	ND	pci/L	ND	pci/L
Uranium	30	µg/L	ND	µg/L	ND	µg/L
Asbestos	7.0	MFL	<0.20	MFL	<0.20	MFL
Hardness	No Standard	ppm			17	ppm
Physical Parameter – Point of Entry						
Chlorine	4.0	ppm	0.93	ppm	0.95	ppm
pH	6.4-10.0	Units	7.4		7.5	
Turbidity (CFE)	1.00	NTU ¹	0.02	NTU	0.07	NTU
Odor	2	Units	0		0	
Specific Conductance	No Standard	µmho@ 25 ⁰ C	70	µmho	82	µmho
Alkalinity	No Standard	ppm	7.9	ppm	16.3	ppm
Total Dissolved Solids	500 ³	ppm	60	ppm	50.5	ppm



Monthly Average in Distribution System

Coliform Bacteria ²	5.0 % Pos. /Month	0/100ml	< 0.5 %	<0.5 %
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Yearly Average Distribution – Compliance is based on a Location Running Annual Average for each of the individual 12 sample sites – value shown is the system average of all compliance sample sites

Total Trihalomethane	80.0	ppb	46.7
Haloacetic Acids	60.0	ppb	34.3

Abbreviations used - 1

ppm = Parts Per Million (Milligrams / Liter)

ppb = Parts Per Billion (Micrograms / Liter)

pci/L = Picocuries/Liter

µg/L = micrograms or ppb

² total coliform bacteria cannot be present in more than 5% of the coliform samples collected within the month – 2226 samples were collected in 2018 – 2160 samples required

3 – Secondary Standard – non enforceable

N.D. = None Detected

NTU = Nephelometric Turbidity Units

MFL = Million fiber per liter

CFE = Combined Filter Effluent