



**MDC**

**Latest U.S. Health Environmental Protection Agency And/OR  
Conn. State Health Dept. Standards vs. MDC Water  
(Latest Analysis Averages for 2017)**

	Maximum Allowable Limits		MDC Water Analysis			
			Finished Water (Point of Entry)			
			North District		South District	
Aluminum	N/A	ppm <sup>1</sup>	0.025	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	0.006	ppm	0.001	ppm
Beryllium	0.004	ppm	ND	ppm	ND	ppm
Cadmium	0.005	ppm	N.D.	ppm	N.D.	ppm
Calcium	NA	ppm	3.54	ppm	4.33	ppm
Chlorides	250.0 <sup>3</sup>	ppm	11.0	ppm	15.0	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	0.70	ppm	0.71	ppm
Iron	0.30 <sup>3</sup>	ppm	N.D.	ppm	N.D.	ppm
Lead	0.015	ppm	N.D.	ppm	N.D.	ppm
Magnesium	N/A	ppm	0.992	ppm	1.27	ppm
Manganese	N/A	ppm	0.004	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	0.98	ppm	0.98	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	5.31	ppm	8.15	ppm
Sulfates	250 <sup>3</sup>	ppm	7.9	ppm	5.18	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	0.010	ppm	0.09	ppm
Nitrate (as N)	10.0	ppm	0.010	ppm	0.09	ppm
<b>Herbicides and Pesticides: (2015 data)</b>						
Toxaphene	3.0	ppb <sup>1</sup>	N.D. <sup>1</sup>		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.	
<b>Special Analytes (2013 data)</b>						
Gross Alpha Part	15.0	pci/L <sup>1</sup>	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
<b>Physical Parameter – Point of Entry</b>						
Chlorine	4.0	ppm	0.85	ppm	0.89	ppm
pH	6.4-10.0	Units	7.4		7.5	
Turbidity (CFE)	1.00	NTU <sup>1</sup>	0.03	NTU	0.06	NTU
Odor	2	Units	0		0	
Specific Conductance	No Standard	µmho@ 25 <sup>0</sup> C	70	µmho	83	µmho
Alkalinity	No Standard	ppm	8.1	ppm	14.5	ppm
Total Dissolved Solids	500 <sup>3</sup>	ppm	49	ppm	48.3	ppm

**Monthly Average In Distribution System**

Coliform Bacteria <sup>2</sup>	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 12 sample sites – value shown is the system average of all compliance sample sites**

Total Trihalomethane	80.0	ppb	37.5
Haloacetic Acids	60.0	ppb	21.6

Abbreviations used - 1

ppm = Parts Per Million (Milligrams / Liter)

ppb = Parts Per Billion (Micrograms / Liter)

pci/L = Picocuries/Liter

µg/L = micrograms or ppb

<sup>2</sup> total coliform bacteria cannot be present in more than 5% of the coliform samples collected within the month – 2307 samples were collected in 2016 – 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