



**MDC**

**Latest U.S. Health Environmental Protection Agency And/Or  
Conn. State Health Dept. Standards vs. MDC Water  
(Latest Analysis Averages for 2016)**

	Maximum Allowable Limits		MDC Water Analysis				
			Finished Water (Point of Entry)				
			North District		South District		
Antimony	0.006	ppm <sup>1</sup>	N.D.	ppm	N.D.	ppm	
Arsenic	0.010	ppm	N.D.	ppm	N.D.	ppm	
Barium	2.00	ppm	0.005	ppm	0.007	ppm	
Bromide	N/A	ppm	0.004	ppm	0.006	ppm	
Beryllium	0.004	ppm	ND	ppm	ND	ppm	
Cadmium	0.005	ppm	N.D.	ppm	N.D.	ppm	
Calcium	NA	ppm	3.32	ppm	4.00	ppm	
Chlorides	250.0	ppm	9.03	ppm	14.25	ppm	
Chromium	0.10	ppm	N.D.	ppm	N.D.	ppm	
Copper	1.3	ppm	0.012	ppm	<0.003	ppm	
Cyanide	0.20	ppm	N.D.	ppm	N.D.	ppm	
Fluoride	4.00	ppm	0.84	ppm	0.86	ppm	
Iron	0.20	ppm	0.002	ppm	0.002	ppm	
Lead	0.015	ppm	N.D.	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	0.97	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	5.54	ppm	9.23	ppm	
Sulfates	N / A	ppm	8.28	ppm	4.76	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	0.140	ppm	
Nitrate (as N)	10.0	ppm	0.010	ppm	0.140	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	0.84	ppm	0.90	ppm	
pH	6.4-8.5	Units	7.4		7.5		
Turbidity (CFE)	1.00	NTU <sup>1</sup>	0.03	NTU	0.08	NTU	
Odor	2	Units	0		0		
Specific Conductance	No Standard	µmho @ 25°C	67	µmho	78	µmho	
Alkalinity	No Standard	ppm	6.4	ppm	14.0	ppm	
Total Dissolved Solids	No Standard	ppm	41	ppm	42	ppm	
<b>Monthly Average In Distribution</b>							
Coliform Bacteria <sup>2</sup>	5.0 % Pos. /Month	0/100ml	< 0.5 %		<0.5 %		
<b>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</b>							
Total Trihalomethane	80.0	ppb	32.0				
Haloacetic Acids	60.0	ppb	21.8				

<sup>1</sup>Abbreviations used

ppm = Parts Per Million (Milligrams / Liter)

N.D. = None Detected

ppb = Parts Per Billion (Micrograms / Liter)

pci/L = Picocuries/Liter

µg/L = micrograms or ppb

CFE = Combined Filter Effluent

<sup>2</sup> total coliform bacteria cannot be present in more than 5% of the coliform samples collected within the month – 2357 samples were collected in 2016 –  
2160 samples required

NTU = Nephelometric Turbidity Units

MFL = Million fiber per liter