



MDC

**Latest U.S. Health Environmental Protection Agency And/Or
Conn. State Health Dept. Standards vs. MDC Water
(Latest Analysis 2013)**

	Maximum Allowable Limits		MDC Water Analysis				
			Finished Water (Point of Entry)				
			North District		South District		
Antimony	0.006	ppm ¹	N.D.	ppm	N.D.	ppm	
Arsenic	0.010	ppm	N.D.	ppm	N.D.	ppm	
Barium	2.00	ppm	0.007	ppm	0.009	ppm	
Beryllium	0.004	ppm	ND	ppm	ND	ppm	
Cadmium	0.005	ppm	N.D.	ppm	N.D.	ppm	
Calcium	NA	ppm	8.01	ppm	4.0	ppm	
Chlorides	250.0	ppm	6.81	ppm	11.4	ppm	
Chromium	0.10	ppm	N.D.	ppm	N.D.	ppm	
Copper	1.3	ppm	0.006	ppm	0.010	ppm	
Cyanide	0.20	ppm	N.D.	ppm	N.D.	ppm	
Fluoride	4.00	ppm	0.86	ppm	0.91	ppm	
Iron	0.20	ppm	0.004	ppm	0.009	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	0.89	ppm	0.92	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	5.77	ppm	9.48	ppm	
Sulfates	N / A	ppm	8.97	ppm	5.74	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	0.066	ppm	0.12	ppm	
Nitrate (as N)	10.0	ppm	0.066	ppm	0.12	ppm	
Herbicides and Pesticides: (2012 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 (2013 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	
Physical Parameter – Point of Entry							
Chlorine	4.0	ppm	0.88	ppm	0.93	ppm	
pH	6.4-8.5	Units	7.5		7.54		
Turbidity	1.00	NTU ¹	0.05	NTU	0.08	NTU	
Odor	2	Units	0		0		
Specific Conductance	No Standard	µHOS @ 25 ⁰ C	57	µHOS	71	µHOS	
Alkalinity	No Standard	ppm	8	ppm	14.3	ppm	
Monthly Average In Distribution							
Coliform Bacteria ²	5.0% Pos. /Month	0/100ml	< 0.5 %		<0.5 %		
Quarterly Average Distribution							
Total Trihalomethane	80.0	ppb	34.5				
Haloacetic Acids	60.0	ppb	41.4				

¹Abbreviations used

ppm = Parts Per Million (Milligrams / Liter)
ppb = Parts Per Billion (Micrograms / Liter)
pci/L = Picocuries/Liter
µg/L = micrograms or ppb

N.D. = None Detected
NTU = Nephelometric Turbidity Units
MFL = Million fiber per liter

² Total coliform bacteria cannot be present in more than 5% of the coliform samples collected within the month)