



**Latest U.S. Health Environmental Protection Agency And/Or
Conn. State Health Dept. Standards vs. MDC Water
(Latest Analysis 2010)**

	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	0.006	ppm	0.007	ppm
Beryllium	0.004 ppm	ppm	<0.0003	ppm	<0.0003	ppm
Cadmium	0.005 ppm	ppm	N.D.	ppm	N.D.	ppm
Calcium	NA	ppm	3.2	ppm	3.7	ppm
Chlorides	250.0 ppm	ppm	6.4	ppm	8.8	ppm
Chromium	0.10	ppm	0.012	ppm	0.014	ppm
Copper	1.3	ppm	0.01	ppm	0.002	ppm
Cyanide	0.20	ppm	<0.01	ppm	<0.01	ppm
Fluoride	4.00	ppm	0.95	ppm	1.00	ppm
Lead	0.015	ppm	N.D.	ppm	0.00026	ppm
Mercury	0.002	ppm	<0.0002	ppm	<0.0002	ppm
Nickel	0.10	ppm	N.D.	ppm	N.D.	ppm
Orthophosphates	N / A	ppm	0.85	ppm	1.00	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	9.2	ppm	12.6	ppm
Sulfates	N / A	ppm	6.55	ppm	3.9	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	0.02	ppm	0.03	ppm
Nitrate (as N)	10.0	ppm	0.02	ppm	0.03	ppm
Herbicides and Pesticides:						
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						
Gross Alpha Part	15.0	pci/L ¹	0.13 ±0.9	pci/L	0.10±0.9	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	0.87	ppm	0.87	ppm
pH	6.4-8.5	Units	7.6		7.5	
Turbidity	1.00	NTU ¹	0.09	NTU	0.11	NTU
Odor	2	Units	0		0	
Specific Conductance	No Standard	µHOS @ 25°C	55	µHOS	72	µHOS
Alkalinity	No Standard	ppm	10	ppm	17	ppm
Monthly Average In Distribution						
Coliform Bacteria ²	5.0% Pos. /Month	0/100ml	< 0.4 %		<0.4 %	

¹Abbreviations used

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)

N.D. = None Detected

NTU = Nephelometric Turbidity Units

MFL = Million fiber per liter