



Monroe County Water Authority

2025 Water Quality Monitoring Program Summary

SCAN CODE FOR AWQR REPORT:



Water Quality Monitoring Parameters				MCWA - SWTP			MCWA - WWTP			MCWA - CWTP			Rochester			ECWA - VWTP		
				Source - Lake Ontario			Source - Lake Ontario			Source - Groundwater Well(s)			Source - Hemlock Lake			Source - Lake Erie		
	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025
<u>Inorganics, Metals, & Physical Parameters:</u>																		
Alkalinity	NS	NA	mg/L	91	90 - 92	4	90	88 - 92	4	258	250 - 260	4	74	73 - 76	4	95	93 - 96	4
Aluminum	NS	NS	µg/L	66	28 - 140	4	59	23 - 100	4	ND		4	5	ND - 20	4	175	60 - 410	4
Antimony	6	6	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Arsenic	10	NA	µg/L	ND		4	ND		4	ND		4	ND		4	ND		4
Asbestos (Distribution System Samples)	7	7	MF/L	ND		1	ND		1	ND		1	ND		1 (2023)	ND		30 (2023)
Barium	2	2	mg/L	0.022	0.021 - 0.024	4	0.021	0.02 - 0.021	4	0.11	0.1 - 0.13	4	0.016	0.016	1	0.021	0.021	1
Beryllium	4	4	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Bromide	NS	NS	µg/L	0.013	ND - 0.02	4	0.015	ND - 0.023	4	NR			6.4	6.4	1	ND		1
Cadmium	5	5	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Calcium	NS	NS	mg/L	34	32 - 34	4	33	32 - 34	4	56	46 - 80	4	26	26 - 27	4	33	32 - 34	4
Chloride	250	NA	mg/L	26	25 - 27	4	28	26 - 29	4	83	61 - 100	4	40	39 - 41	4	22	21 - 23	4
Chromium	100	100	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Color	15	NA	Color Units	ND		4	ND		4	0.8	ND - 3	4	1.3	ND - 5	4	ND		4
Conductivity	NS	NS	µmhos/cm	300	290 - 310	52	310	300 - 320	49	754	551 - 906	55	298	289 - 317	58	297	275 - 309	56
Copper (Distribution System Samples)	NS	NS	µg/L	ND		4	ND		4	16	12 - 18	4	4.8	3 - 7	4	1.6	1.5 - 1.8	4
Copper (Customer Tap Samples)	AL ¹ = 1300	1300	µg/L	94	3.8 - 760	204	94	3.8 - 760	204	32	ND - 130	17 (2024)	94	3.8 - 760	204	32	ND - 130	17 (2024)
Cyanide	200	200	µg/L	ND		4	ND		4	ND		4	ND		4	ND		4
Fluoride	2.2	NA	mg/L	0.7	0.54 - 1.12	2,186	0.69	0.2 - 0.92	2,155	0.19	0.13 - 0.41	57	0.69	0.56 - 0.78	1,088	0.65	0.1 - 0.72	59
Iron	300	NA	µg/L	ND		4	ND		4	7.8	ND - 20	4	ND		1	ND		1
Lead (Distribution System)	NS	NS	µg/L	ND		4	ND		4	ND		4	ND		4	ND		4
Lead (Customer Tap Samples)	AL ¹ = 15	0	µg/L	1.9	ND - 14	204	1.9	ND - 14	204	0.11	ND - 0.75	17 (2024)	1.9	ND - 14	204	0.11	ND - 0.75	17 (2024)
Magnesium	NS	NS	mg/L	8.9	8.7 - 9	4	8.8	8.6 - 9	4	22	18 - 31	4	6.6	6.4 - 6.7	4	8.5	8.3 - 8.7	4
Manganese	300	NA	µg/L	ND		4	ND		4	7.3	6.6 - 9.5	4	ND		1	ND		1
Mercury	2	2	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Nickel	NS	NS	µg/L	0.6	ND - 2.4	4	0.55	ND - 2.2	4	0.5	ND - 2	4	ND		1	ND		1
Nitrate	10	10	mg/L	0.24	0.18 - 0.29	4	0.24	0.2 - 0.29	4	ND		4	0.15	0.15	1	0.14	0.14	1
Nitrite	1	1	mg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Potassium	NS	NS	mg/L	1.5	1.5 - 1.6	4	1.5	1.5 - 1.6	4	1.56	0.21 - 2.2	4	1.4	1.4	1	1.4	1.4	1
Selenium	50	50	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Silica	NS	NS	mg/L	0.5	0.27 - 0.82	4	0.52	0.36 - 0.79	4	8.2	8.1 - 8.4	4	1.4	0.99 - 1.7	4	0.6	0.28 - 1.1	4
Silver	100	NA	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Sodium	NS	NS	mg/L	15	15 - 16	4	16	15 - 17	4	87	46 - 110	4	21	21 - 22	4	13	12 - 13	4
Sulfate	250	NA	mg/L	25	24 - 25	4	25	25 - 26	4	46	44 - 49	4	12	11 - 12	4	20	20	4

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	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025
Thallium	2	0.5	µg/L	ND		4	ND		4	ND		4	ND		1	ND		1
Zinc	5	NA	mg/L	ND		4	ND		4	ND		4	ND		1	ND		1
pH	NS	NS	pH units	7.51	7.18 - 7.83	365	7.47	6.76 - 7.97	365	7.38	7.24 - 7.81	188	7.8	7.1 - 8	365	7.98	7.6 - 8.32	2,182
Total Dissolved Solids	NS	NS	mg/L	183	170 - 200	4	185	170 - 200	4	485	420 - 530	4	175	170 - 190	4	173	170 - 180	4
Total Hardness	NS	NS	mg/L	120	120	4	120	120	4	230	190 - 330	4	93	91 - 95	4	115	110 - 120	4
Total Organic Carbon	TT	NS	mg/L	1.6	1.4 - 1.7	4	1.6	1.5 - 1.7	4	0.81	0.74 - 0.88	4	2.3	2.2 - 2.4	4	1.8	1.7 - 1.9	4
Surfactants	NS	NS	mg/L	ND		4	ND		4	ND		4	ND		4	ND		4
Turbidity - Entry Point	TT ²	NA	NTUs	0.05	0.02 - 0.12	2,190	0.05	0.02 - 0.1	2,149	0.53	0.12 - 2.31	56	0.06	0.0 - 0.16	2,178	0.07	0.03 - 0.17	2,178
Turbidity - Distribution System	TT ³	NA	NTUs	0.14	0.02 - 2.12	3,775	0.14	0.02 - 2.12	3,775	0.17	0.04 - 1.4	407	0.14	0.02 - 2.12	3,775	0.17	0.04 - 1.4	407
Chlorine Residual - Entry Point	4	NA	mg/L	1.18	0.7 - 1.65	2,190	0.87	0.55 - 1.38	2,150	1.1	0.66 - 1.49	189	1.00	0.82 - 1.43	2,056	1.62	0.82 - 1.8	2,181
Chlorine Residual - Retail Distribution System	4 ⁴	NA	mg/L	0.64	ND - 2.16	3,776	0.64	ND - 2.16	3,776	0.69	ND - 1.49	407	0.64	ND - 2.16	3,776	0.69	ND - 1.49	407
Microbiological Parameters:																		
Coliform - Retail Distribution System	TT ⁵	0	NA	2 positive samples - 0.05%		3,776	2 positive samples - 0.05%		3,776	0 positive samples - 0%		407	2 positive samples - 0.05%		3,776	0 positive samples - 0%		407
				September: 1 positive sample - 0.3%			September: 1 positive sample - 0.3%			None Detected.			September: 1 positive sample - 0.3%			None Detetced.		
Escherichia coli - Bacteria (Retail Distribution System)	1	0	NA	1 positive samples - 0.03%		3,776	1 positive samples - 0.03%		3,776	0 positive samples.		407	1 positive samples - 0.03%		3,776	0 positive samples.		407
				March: 1 positive sample - 0.3%			March: 1 positive sample - 0.3%			None Detected.			March: 1 positive sample - 0.3%			None Detetced.		
Cryptosporidium (Source water prior to treatment)	TT	0	OoCysts/L	ND		4	ND		4	NR		NR	NR		NR		NR	
				None Detected.			None Detected.			NR			NR			NR		
Giardia Lamblia (Source water prior to treatment)	TT	0	Cysts/L	ND		4	ND		4	NR		NR	NR		NR		NR	
				None Detected.			None detected.			NR			NR			NR		
Radionuclides:																		
Gross Alpha Particle	15	0	pCi/L	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)
Gross Beta Particle / Photon Emitters	50	0	pCi/L	NR		0 (2021)	NR		0 (2021)	NR		0 (2021)	NR		0 (2021)	NR		0 (2021)
Radium 226	NS	NA	pCi/L	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)
Radium 228	NS	NA	pCi/L	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)
Combined Radium 226/228	5	0	pCi/L	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)
Uranium	30	0	pCi/L	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)	ND		1 (2021)
Volatile Organic Compounds:																		
Benzene	5	0	µg/L	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4
Bromobenzene	5	NA	µg/L			4			4									
Bromochloromethane	5	NA	µg/L			4			4									
Bromomethane	5	NA	µg/L			4			4									
n-Butylbenzene	5	NA	µg/L			4			4									
sec-Butylbenzene	5	NA	µg/L			4			4									
tert-Butylbenzene	5	NA	µg/L			4			4									
Carbon Tetrachloride	5	0	µg/L			4			4									
Chlorobenzene	5	NA	µg/L			4			4									

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	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025
Chloroethane	5	NA	µg/L	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4
Chloromethane	5	NA	µg/L			4			4									
2-Chlorotoluene	5	NA	µg/L			4			4									
4-Chlorotoluene	5	NA	µg/L			4			4									
Dibromomethane	5	NA	µg/L			4			4									
1,2-Dichlorobenzene	5	NA	µg/L			4			4									
1,3-Dichlorobenzene	5	NA	µg/L			4			4									
1,4-Dichlorobenzene	5	NA	µg/L			4			4									
Dichlorodifluoromethane	5	NA	µg/L			4			4									
1,1 Dichloroethane	5	NA	µg/L			4			4									
1,2-Dichloroethane	5	0	µg/L			4			4									
1,1-Dichloroethene	5	NA	µg/L			4			4									
1,2-Dichloroethene (Cis)	5	NA	µg/L			4			4									
1,2-Dichloroethene (Trans)	5	NA	µg/L			4			4									
1,2-Dichloropropane	5	0	µg/L			4			4									
1,3-Dichloropropane	5	NA	µg/L			4			4									
2,2-Dichloropropane	5	NA	µg/L			4			4									
1,1-Dichloropropene	5	NA	µg/L			4			4									
1,3-Dichloropropene (Cis)	5	NA	µg/L			4			4									
1,3-Dichloropropene (Trans)	5	NA	µg/L			4			4									
Ethylbenzene	5	NA	µg/L			4			4									
Hexachlorobutadiene	5	NA	µg/L			4			4									
Isopropylbenzene	5	NA	µg/L			4			4									
p-Isopropyltoluene	5	NA	µg/L			4			4									
Methyl Tert-butyl ether (MTBE)	10	NA	µg/L			4			4									
Methylene Chloride (Dichloromethane)	5	0	µg/L			4			4									
n-Propylbenzene	5	NA	µg/L			4			4									
Styrene	5	NA	µg/L			4			4									
1,1,1,2-Tetrachloroethane	5	NA	µg/L			4			4									
1,1,2,2-Tetrachloroethane	5	NA	µg/L			4			4									
Tetrachloroethene	5	0	µg/L			4			4									
Toluene	5	NA	µg/L			4			4									
1,2,3-Trichlorobenzene	5	NA	µg/L	4	4													
1,2,4-Trichlorobenzene	5	NA	µg/L	4	4													
1,1,1-Trichloroethane	5	NA	µg/L	4	4													
1,1,2-Trichloroethane	5	3	µg/L	4	4													
Trichloroethene	5	0	µg/L	4	4													

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	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025
Trichlorofluoromethane	5	NA	µg/L	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4
1,2,3-Trichloropropane	5	NA	µg/L			4			4									
1,2,4-Trimethylbenzene	5	NA	µg/L			4			4									
1,3,5-Trimethylbenzene	5	NA	µg/L			4			4									
Vinyl Chloride	2	0	µg/L			4			4									
Xylenes	5	NA	µg/L			4			4									
Organics, Pesticides, & Herbicides:																		
1,2-Dibromo-3-Chloropropane (DBCP)	200	0	ng/L	Not Detected		1	Not Detected		1	Not Detected		1	Not Detected		1	Not Detected		1
1,2-Dibromoethane (EDB)	50	0	ng/L			1			1									
3,5-Dichlorobenzoic Acid	50	NS	µg/L			1			1									
Acifluorfen	50	NS	µg/L			1			1									
Alachlor	2	0	µg/L			4			4									
Aldicarb	3	1	µg/L			1			1									
Aldicarb Sulfone	2	1	µg/L			1			1									
Aldicarb Sulfoxide	4	1	µg/L			1			1									
Aldrin	5	NA	µg/L			4			4									
Atrazine	3	3	µg/L			4			4									
Baygon	50	NS	µg/L			1			1									
Bentazon	50	NS	µg/L			1			1									
Benzo(a)pyrene	200	0	ng/L			4			4									
Bis(2-Ethylhexyl)Phthalate (DEHP)	6	0	µg/L			4			4									
Butachlor	50	NA	µg/L			4			4									
Carbaryl	50	NA	µg/L			1			1									
Carbofuran	40	40	µg/L			1			1									
Chlordane	2	NA	µg/L			4			4									
Dalapon	50	NA	µg/L			1			1									
Di(2-Ethylhexyl) Adipate	50	NA	µg/L			4			4									
Dicamba	50	NA	µg/L			1			1									
2,4-D	50	NA	µg/L			1			1									
Dieldrin	5	NA	µg/L			4			4									
Dinoseb	7	7	µg/L			1			1									
2,3,7,8-TCDD (Dioxin)	30	0	pg/L	1	1													
1,4-Dioxane	1	NA	µg/L	4	4													
Diquat	20	20	µg/L	1	1													

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	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	
Endothall	50	NA	µg/L	Not Detected		1	Not Detected		1	Not Detected		1	Not Detected		1	Not Detected		1	
Endrin	2	2	µg/L			4			4										
Glyphosate	50	700	µg/L			1			1										
Heptachlor	400	0	ng/L			4			4										
Heptachlor Epoxide	200	0	ng/L			4			4										
Hexachlorobenzene	1	0	µg/L			4			4										
Hexachlorocyclopentadiene	5	NA	µg/L			4			4										
3-Hydroxycarbofuran	50	NS	µg/L			1			1										
Isophorone	50	NA	µg/L			4			4										
Lindane (gamma-BHC)	200	200	ng/L			4			4										
Methomyl	50	NA	µg/L			1			1										
Methoxychlor	40	40	µg/L			4			4										
Metolachlor	50	NA	µg/L			4			4										
Metribuzin	50	NA	µg/L			4			4										
Oxamyl	50	NA	µg/L			1			1										
p,p' DDD	5	NA	µg/L			4			4										
p,p' DDE	NS	NS	µg/L			4			4										
p,p' DDT	5	NA	µg/L			4			4										
PCB's Total	500	0	ng/L			4			4										
Pentachlorophenol	1	0	µg/L			1			1										
Perchlorate	NS	NS	µg/L			1			1										
Pichloram	50	NA	µg/L			1			1										
Perfluorooctanoic Acid (PFOA)	10	NA	ng/L			4			4										
Perfluorooctanesulfaonic Acid (PFOS)	10	NA	ng/L			4			2.1			2 - 2.3			4			6	6
Perfluorobutanoic acid (PFBA)	NS	NS	ng/L			1			ND - 2			4			0.5			ND - 2	4
Propachlor	50	NA	µg/L	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4	Not Detected		4	
Simazine	4	4	µg/L			4			4										
2,4,5-TP (Silvex)	10	NA	µg/L			1			1										
Total Chlordane	2	0	µg/L			4			4										
Toxaphene	3	0	µg/L			4			4										
Disinfection By-products:																			
Total Trihalomethanes (TTHMs)	80	NA	µg/L	37	15 - 78	52	37	15 - 78	52	48	19 - 72	8	37	15 - 78	52	48	19 - 72	8	
				Maximum LRAA = 59.3			Maximum LRAA = 59.3			Maximum LRAA = 62			Maximum LRAA = 59.3			Maximum LRAA = 62			
Haloacetic Acids (HAA5)	60	NA	µg/L	12.0	ND - 30	52	12.0	ND - 30	52	10.3	ND - 24	8	12.0	ND - 30	52	10.3	ND - 24	8	
				Maximum LRAA = 18.8			Maximum LRAA = 18.8			Maximum LRAA = 10.8			Maximum LRAA = 18.8			Maximum LRAA = 10.8			

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UCMR5 - Per & Polyfluorinated Alkyl Acids (PFAS): (Four Quarters 2023 QTR 4 - 2024 QTR 3)																		
11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3)	NS	NS	ng/L	Not Detected		4	Not Detected		4	Not Detected		2	Not Detected		4	Not Detected		4
1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	NS	NS	ng/L		4	4		2	4									
1H, 1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	NS	NS	ng/L		4	4		2	4									
1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	NS	NS	ng/L		4	4		2	4									
4, 8-dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	ng/L		4	4		2	4									
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3C)	NS	NS	ng/L		4	4		2	4									
Hexafluoropropylene oxide dimer acid (HFPO-DA) (GenX)	NS	NS	ng/L		4	4		2	4									
N-ethyl Perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	ng/L		4	4		2	4									
N-methyl Perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	ng/L		4	4		2	4									
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	ng/L		4	4		2	4									
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NS	NS	ng/L		4	4		2	4									
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	ng/L		4	4		2	4									
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	ng/L		4	4		2	4									
Perfluorobutanesulfonic acid (PFBS)	NS	NS	ng/L		4	4		2	4									
Perfluorooctanoic Acid (PFOA)	10	NA	ng/L		4	4		2	4									
Perfluorooctanesulfaonic Acid (PFOS)	10	NA	ng/L		4	4		2	4									
Perfluorobutanoic acid (PFBA)	NS	NS	ng/L		4	4		2	4									
Perfluorodecanoic acid (PFDA)	NS	NS	ng/L		4	4		2	4									
Perfluorododecanoic acid (PHDoA)	NS	NS	ng/L		4	4		2	4									
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	ng/L		4	4		2	4									
Perfluoroheptanoic acid (PFHpA)	NS	NS	ng/L		4	4		2	4									
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	ng/L		4	4		2	4									
Perfluorohexanoic acid (PFHxA)	NS	NS	ng/L		4	4		2	4									
Perfluorononanoic acid (PFNA)	NS	NS	ng/L		4	4		2	4									
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	ng/L		4	4		2	4									
Perfluoropentanoic acid (PFPeA)	NS	NS	ng/L	4	4	2	4											
Perfluorotetradecanoic acid (PFTA)	NS	NS	ng/L	4	4	2	4											
Perfluorotridecanoic acid (PFTrDA)	NS	NS	ng/L	4	4	2	4											
Perfluoroundecanoic acid (PFUnA)	NS	NS	ng/L	4	4	2	4											

Water Quality Monitoring Parameters				MCWA - SWTP			MCWA - WWTP			MCWA - CWTP			Rochester			ECWA - VWTP		
				Source - Lake Ontario			Source - Lake Ontario			Source - Groundwater Well(s)			Source - Hemlock Lake			Source - Lake Erie		
	Regulatory Limit	EPA / NYS MCLG	Units	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025	Average	Range	Samples in 2025
UCMRS - Metal / Pharmaceutical: (2023 QTR 4 - 2024 QTR 3)																		
Lithium	NS	NS	µg/L	Not Detected		4	Not Detected		4	ND - 12.1		2	Not Detected		4	Not Detected		4

Key Terms, Abbreviations, & Notes:																		
<p>MCL = Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as possible.</p> <p>MCLG = Maximum Contaminant Level Goal - The level of a contaminant below which there is no known or expected risk to health. MCLGs allow for a margin of safety.</p> <p>TT = Treatment Technique - A required process intended to reduce the level of a contaminant in drinking water.</p> <p>AL¹ = Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. If >10% of results are greater than 15 µg/l for lead or 1300 µg/L for copper, remediative steps are required. In MCWA's combined retail area, 90% of the samples were less than 14.2 µg/L for lead and 210 µg/L for copper. For MCWA's customers in the towns of Pembroke and Darien and the village of Corfu, 90% of the samples were less than 0.54 µg/L for lead and 81 µg/L for copper.</p> <p>LRAA = Locational Running Annual Average - The annual average contaminant concentration at a monitoring site.</p> <p>mg/L = Milligram (1/1,000 of a gram) per Liter = ppm = parts per million</p> <p>NA = Not Applicable NR = Not Required / Not Reported NS = No Standard NT = Not Tested</p> <p>Not Detected = ND = Absent or present at less than the testing method detection level. All testing methods are EPA-approved with detection limits much less than the MCL.</p> <p>NTU = Nephelometric turbidity Unit. A measure of the clarity of water.</p> <p>µg/L = Microgram (1/1,000,000 of a gram) per Liter = ppb = parts per billion</p> <p>ng/L = Nanogram (1/1,000,000,000 of a gram) per Liter = ppt = parts per trillion</p> <p>pg/L = Picogram (1/1,000,000,000,000 of a gram) per Liter = ppq = parts per quadrillion</p> <p>pCi/L = PicoCuries per Liter</p>									<p>MCWA - SWTP = Monroe County Water Authority - Shoremont Water Treatment Plant.</p> <p>MCWA - WWTP = Monroe County Water Authority - Webster Water Treatment Plant.</p> <p>MCWA - CWTP = Monroe County Water Authority - Corfu Water Treatment Plant.</p> <p>Rochester = City of Rochester - Hemlock Water Filtration Plant. MCWA purchases water from Rochester's water system.</p> <p>ECWA - VWTP = Erie County Water Authority - Van de Water and Sturgeon Point Water Treatment Plants. MCWA purchases water from the ECWA's water supply system.</p> <p>MF/L = Million Fibers per Liter. A measure of the presence of asbestos fibers longer than 10 micrometers.</p> <p>(year) = Most recent testing. Monitoring frequency requirements vary depending on compound.</p> <p>UCMRS = Unregulated Contaminant Monitoring Rule 5 - EPA required monitoring of up to 30 unregulated water quality parameters to establish baseline occurrence data. EPA combines this data with research to establish future regulations.</p> <p>µmhos/cm = Microohms per Centimeter</p> <p>Cont = Continuously monitored via online measurements.</p> <p>TT² = 95% of measurements within a given month must be less than 0.3 NTUs.</p> <p>TT³ = Average of monthly distribution system turbidity samples must be less than 5.0 NTUs.</p> <p>4⁴ = 95% of monthly distribution system samples must have a measurable chlorine residual.</p> <p>TT⁵ = No more than 5% of monthly samples can be positive.</p> <p>Note: Total Hardness is also expressed in grains per gallon. The total hardness of the Ontario, Hemlock, & Erie lake supplies are 7, 7, 5.4, and 6.7 grains per gallon. The total hardness of the Corfu aquifer supply is 13.5 grains per gallon.</p>									