

2024 Calendar Year Results -

For more information on the MCWA's water quality monitoring program call Customer Service at 585-442-7200 or visit our website at: www.mcwa.com.

Key Terms and Abbreviations Used:

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.

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.

MRDL = Maximum Residual Disinfectant Level - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG = Maximum Residual Disinfectant Level Goal - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

LRAA = Locational Running Annual Average - The annual average contaminant concentration at a monitoring site.

pCi/L = PicoCuries per Liter.

TT = Treatment Technique - A required process intended to reduce the level of a contaminant in drinking water.

AL = Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

ND = Not Detected - Absent or present at less than testing method detection level. All testing methods are EPA approved with detection limits much less than the MCL.

NA = Not applicable. **NR** = Not required / Not reported. **NS** = No standard.

mg/L = Milligram (1/1,000 of a gram) per Liter = ppm = parts per million.

µg/L = Microgram (1/1,000,000 of a gram) per Liter = ppb = parts per billion.

ng/L = Nanogram (1/1,000,000,000 of a gram) per Liter = ppt = parts per trillion.

NTU = Nephelometric Turbidity Unit - A measurement of water clarity.

CWTP = Corfu Water Treatment Plant. **SWTP** = Shoremont Water Treatment Plant. **WWTP** = Webster Water Treatment Plant.

MCWA = Monroe County Water Authority. **Rochester** = City of Rochester. **ECWA** = Erie County Water Authority.

Compounds Tested For But Not Detected:

Benzene	1,1,2-Trichloroethane	Dieldrin	4,8-dioxa-3H-perfluorononanoic acid (ADONA)
Bromobenzene	Trichloroethene	Dinoseb	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)
Bromochloromethane	Trichlorofluoromethane	1, 4-Dioxane	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)
Bromomethane	1,2,3-Trichloropropane	Diquat	N-ethyl Perfluorooctanesulfonamidoacetic acid (NetFOSAA)
n-Butylbenzene	1,2,4-Trimethylbenzene	Endothall	N-methyl Perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
sec-Butylbenzene	1,3,5-Trimethylbenzene	Glyphosate	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
tert-Butylbenzene	Vinyl Chloride	Hexachlorobenzene	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)
Carbon Tetrachloride	o-Xylene	Hexachlorocyclopentadiene	Perfluoro-3-methoxypropanoic acid (PFMPA)
Chlorobenzene	m, p-Xylene	3-Hydroxycarbofuran	Perfluoro-4-methoxybutanoic acid (PFMBA)
Chloroethane	Total Xylene	3,5-Dichlorobenzoic Acid	Perfluorobutanesulfonic acid (PFBS)
Chloromethane	Acifluorfen	Methomyl	Perfluorooctanoic Acid (PFOA)
2-Chlorotoluene	Alachlor	Metolachlor	Perfluorodecanoic acid (PFDA)
4-Chlorotoluene	Aldicarb	Metribuzin	Perfluorododecanoic acid (PHDoA)
Dibromomethane	Aldicarb sulfoxide	Oxamyl (vydate)	Perfluoroheptanesulfonic acid (PFHpS)
1,2-Dichlorobenzene	Aldicarb sulfone	Paraquat	Perfluoroheptanoic acid (PFHpA)
1,3-Dichlorobenzene	Atrazine	Perchlorate	Perfluorohexanesulfonic acid (PFHxS)
1,4-Dichlorobenzene	Baygon	Picloram	Perfluorohexanoic acid (PFHxA)
Dichlorodifluoromethane	Bentazon	Propachlor	Perfluorononanoic acid (PFNA)
1,1 Dichloroethane	Carbofuran	Simazine	Perfluoropentanesulfonic acid (PFPeS)
1,2-Dichloroethane	Chlordane	2, 3, 7, 8-TCDD (Dioxin)	Perfluoropentanoic acid (PFPeA)
1,1-Dichloroethene	Dibromochloropropane	Antimony	Perfluorotetradecanoic acid (PFTA)
cis-1,2-Dichloroethene	2, 4-D	Beryllium	Perfluorotridecanoic acid (PFTA)
trans-1,2-Dichloroethene	Endrin	Cyanide	Perfluoroundecanoic acid (PFUnA)
1,2-Dichloropropane	Ethylene Dibromide	Mercury	
1,3-Dichloropropane	Heptachlor	Nickel	
2,2-Dichloropropane	Heptachlor Epoxide	Nitrite	
1,1-Dichloropropene	Lindane (gamma-BHC)	Silver	
1,3-Dichloropropene(cis)	Methoxychlor	Thallium	
1,3-Dichloropropene(trans)	p,p' DDD	Zinc	
Ethylbenzene	p,p' DDE	Surfactants (Foaming Agents)	
Hexachlorobutadiene	p,p' DDT	Cryptosporidium	
p-Isopropyltoluene	PCB's Total	Monobromoacetic acid	
Methyl Tert-butyl ether (MTBE)	Pentachlorophenol	Monochloroacetic acid	
Methylene Chloride (Dichloromethane)	Toxaphene	Tribromoacetic acid	
n-Propylbenzene	2, 4, 5-TP (Silvex)	Gross Alpha Particles	
Styrene	Aldrin	Radium 226	
1,1,1,2-Tetrachloroethane	Benzo(a)pyrene	Radium 228	
1,1,2,2-Tetrachloroethane	Butachlor	Combined Radium 226/228	
Tetrachloroethene	Carbaryl	Uranium	
Toluene	Dalapon	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUs)	
1,2,3-Trichlorobenzene	Di(2-Ethylhexyl) Adipate	1H,1H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	
1,2,4-Trichlorobenzene	Di(2-Ethylhexyl) phthalate (DEHP)	1H,1H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	
1,1,1-Trichloroethane	Dicamba	1H,1H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	

SCAN CODE FOR AWQR REPORT:

