

Results below include additional monitoring beyond what is required, and therefore some summary statistics may differ from what must be reported in our Consumer Confidence Report. These samples were analyzed by the Milwaukee Water Works and an external laboratory in 2022.

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
General Chemistry						
Alkalinity, Total	---	Yes	106	98	118	mg/L as CaCO ₃
Bromide	---	Yes	18	15	21	ug/L
Chlorate	---	Yes	158	64	304	ug/L
Chloride	250	Yes	16.2	15.8	21.1	mg/L
Chlorite	1000	No	2.4	0.69	4.0	ug/L
Color (Apparent)	15	No	3	3	3	Pt/Co units
Color (True)	15	No	3	3	3	Pt/Co units
Cyanide, Total	0.2	No	0.005	0.005	0.005	ug/L
Fluoride	4.00	Yes	0.50	0.64	0.79	mg/L
Hardness, Total	---	Yes	136	128	142	mg/L as CaCO ₃
Nitrate, as N	10	Yes	0.33	0.27	0.40	mg/L
Nitrite, as N	1	Yes	0.003	0.002	0.004	mg/L
Nitrogen, Ammonia	---	Yes	0.32	0.11	0.63	mg/L
Perchlorate	---	Yes	0.15	0.14	0.15	ug/L
pH	6.5-8.5	Yes	7.68	7.47	8.74	pH units
Phosphate, Ortho	---	Yes	0.34	0.28	0.40	mg/L
Phosphorus	---	Yes	0.79	0.62	0.95	mg/L
Solids, Suspended	---	No	10	10	10	mg/L
Solids, Total	---	Yes	180	180	180	mg/L
Sulfate	250	Yes	27.3	26.0	28.2	mg/L
Total Organic Carbon (TOC)	---	Yes	1.7	1.68	1.72	mg/L
Turbidity	---	Yes	0.01	0.00	0.07	NTU
Disinfection By-Products						
1,1,1-Trichloro-2-propanone	---	Yes	0.51	0.30	1.80	ug/L
1,1-Dichloro-2-propanone	---	Yes	0.50	0.37	1.30	ug/L
Bromate	10	Yes	2.50	0.23	12.0	ug/L
Bromochloroacetic acid	---	Yes	1.00	0.55	1.40	ug/L
Bromochloroacetonitrile	---	Yes	0.50	0.30	0.51	ug/L
Bromodichloroacetic acid	---	Yes	1.00	0.60	1.80	ug/L
Bromodichloromethane	---	Yes	2.60	0.40	5.20	ug/L
Bromoform	---	Yes	0.50	0.22	1.00	ug/L
Chlorodibromoacetic acid	---	Yes	2.00	0.70	2.00	ug/L
Chloroform	---	Yes	2.00	0.94	5.70	ug/L
Chloropicrin	---	Yes	0.50	0.49	0.86	ug/L
Dibromoacetic acid	---	No	1.00	0.50	1.00	ug/L
Dibromoacetonitrile	---	Yes	0.50	0.30	1.00	ug/L
Dibromochloromethane	---	Yes	2.10	1.00	3.80	ug/L
Dichloroacetic acid	---	Yes	1.15	0.78	2.00	ug/L
Dichloroacetonitrile	---	Yes	0.50	0.30	0.63	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Monobromoacetic acid	---	No	1.00	0.50	1.00	ug/L
Monochloroacetic Acid	---	No	2.00	1.50	2.00	ug/L
Haloacetic Acids 5	60	Yes	2.00	1.50	3.63	ug/L
Tribromoacetic acid	---	No	4.00	1.20	4.00	ug/L
Trichloroacetic Acid	---	Yes	1.00	0.70	1.30	ug/L
Trichloroacetonitrile	---	No	0.50	0.20	0.51	ug/L
Total Trihalomethanes	80	Yes	7.31	3.37	17.44	ug/L
Aldehydes						
Acetaldehyde	---	No	5.0	4.9	5.1	ug/L
Benzaldehyde	---	No	5.0	2.0	5.0	ug/L
Butanal	---	No	5.0	2.0	5.0	ug/L
Crotonaldehyde	---	No	5.0	2.0	5.0	ug/L
Cyclohexanone	---	No	5.0	2.0	5.0	ug/L
Decanal	---	No	5.0	2.0	5.0	ug/L
Formaldehyde	---	Yes	5.0	2.7	5.0	ug/L
Glyoxal	---	No	5.0	3.0	6.2	ug/L
Heptanal	---	No	5.0	3.0	5.0	ug/L
Hexanal	---	No	5.0	2.0	5.0	ug/L
Methyl glyoxal	---	No	5.0	3.0	5.0	ug/L
Nonanal	---	No	5.0	2.0	5.0	ug/L
Octanal	---	No	5.0	3.0	5.0	ug/L
Pentanal	---	No	5.0	2.0	5.0	ug/L
Propanal	---	No	5.0	2.0	5.0	ug/L
Metals						
Aluminum	50	Yes	110	110	110	ug/L
Antimony	6	No	1.0	1.0	1.0	ug/L
Arsenic	10	No	1.0	1.0	1.0	ug/L
Barium	2000	Yes	20	20	20	ug/L
Beryllium	4	No	0.3	0.3	0.3	ug/L
Boron	---	Yes	25	23	26	ug/L
Cadmium	5	No	0.5	0.5	0.5	ug/L
Calcium	---	Yes	34	33	34	mg/L
Cerium	---	No	1.0	1.0	1.0	ug/L
Cesium	---	No	1.0	1.0	1.0	ug/L
Chromium	100	Yes	2.3	1.0	3.6	ug/L
Chromium, Hexavalent	---	Yes	0.2	0.1	0.2	ug/L
Cobalt	---	No	2.0	2.0	2.0	ug/L
Copper	1300	No	1.0	1.0	1.0	ug/L
Dysprosium	---	No	1.0	1.0	1.0	ug/L
Erbium	---	No	1.0	1.0	1.0	ug/L
Europium	---	No	1.0	1.0	1.0	ug/L
Gadolinium	---	No	1.0	1.0	1.0	ug/L
Gallium	---	No	1.0	1.0	1.0	ug/L
Germanium	---	No	1.0	1.0	1.0	ug/L

2022 Entry Point Water Quality

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Gold	---	No	1.0	1.0	1.0	ug/L
Hafnium	---	No	1.0	1.0	1.0	ug/L
Holmium	---	No	1.0	1.0	1.0	ug/L
Iron	300	No	10	10	10	ug/L
Lanthanum	---	No	1.0	1.0	1.0	ug/L
Lead	15	No	0.5	0.5	0.5	ug/L
Lithium	---	Yes	2.4	2.3	2.4	ug/L
Lutetium	---	No	1.0	1.0	1.0	ug/L
Magnesium	---	Yes	12	12	12	mg/L
Manganese	50	Yes	2.3	2.0	2.6	ug/L
Mercury	2	No	0.1	0.1	0.1	ug/L
Molybdenum	---	No	2.0	2.0	2.0	ug/L
Neodymium	---	No	1.0	1.0	1.0	ug/L
Nickel	---	No	1.0	1.0	1.0	ug/L
Niobium	---	No	1.0	1.0	1.0	ug/L
Osmium	---	No	1.0	1.0	1.0	ug/L
Palladium	---	No	1.0	1.0	1.0	ug/L
Phosphorus	---	Yes	775	610	940	ug/L
Platinum	---	No	1.0	1.0	1.0	ug/L
Potassium	---	Yes	1500	1500	1500	ug/L
Praseodymium	---	No	1.0	1.0	1.0	ug/L
Rhenium	---	No	1.0	1.0	1.0	ug/L
Rhodium	---	No	1.0	1.0	1.0	ug/L
Rubidium	---	Yes	1.15	1.1	1.2	ug/L
Ruthenium	---	No	1.0	1.0	1.0	ug/L
Samarium	---	No	1.0	1.0	1.0	ug/L
Selenium	50	No	2.0	2.0	2.0	ug/L
Silica, Total	---	Yes	2.1	2.0	2.1	ppt
Silver	100	No	0.5	0.5	0.5	ug/L
Sodium	---	Yes	9.85	9.8	10	mg/L
Strontium	---	Yes	120	120	120	ug/L
Tantalum	---	No	1.0	1.0	1.0	ug/L
Tellurium	---	No	1.0	1.0	1.0	ug/L
Thallium	2	No	0.3	0.3	0.3	ug/L
Thorium	---	No	1.0	1.0	1.0	ug/L
Thulium	---	No	1.0	1.0	1.0	ug/L
Tin	---	No	1.0	1.0	1.0	ug/L
Titanium	---	No	5.0	5.0	5.0	ug/L
Tungsten	---	No	1.0	1.0	1.0	ug/L
Uranium	30	No	1.0	1.0	1.0	ug/L
Vanadium	---	No	2.0	2.0	2.0	ug/L
Ytterbium	---	No	1.0	1.0	1.0	ug/L
Zinc	5000	No	5.0	5.0	5.0	ug/L
Zirconium	---	No	1.0	1.0	1.0	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Nitrosamines						
N-Nitrosodiethylamine (NDEA)	---	Yes	2.0	1.4	2.3	ng/L
N-Nitrosodimethylamine (NDMA)	---	Yes	2.0	0.7	2.0	ng/L
N-Nitrosodi-N-butylamine (NDBA)	---	Yes	2.0	0.4	2.0	ng/L
N-Nitrosodi-N-propylamine (NDPA)	---	No	2.0	0.3	2.0	ng/L
N-Nitrosodiphenylamine (NDPhA)	---	No	20.0	2.0	20.0	ng/L
N-Nitrosomethylethylamine (NMEA)	---	No	2.0	0.2	2.0	ng/L
N-Nitrosomorpholine (NMOR)	---	No	2.0	0.3	2.0	ng/L
N-Nitrosopiperidine (NPIP)	---	No	2.0	0.5	2.0	ng/L
N-Nitrosopyrrolidine (NPYR)	---	No	2.0	0.4	2.0	ng/L
Perfluorinated Alkyl Substances (PFAS)						
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	---	No	1.90	0.97	2.00	ng/L
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	---	No	1.90	0.97	2.00	ng/L
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	---	No	1.95	1.90	2.00	ng/L
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	---	No	1.95	1.90	2.00	ng/L
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	---	No	1.95	1.90	2.00	ng/L
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	---	No	1.90	0.97	2.00	ng/L
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	---	No	1.90	0.97	2.00	ng/L
N-ethylperfluorooctane sulfonamidoacetic acid (NEtFOSSA)	---	No	1.44	0.97	1.90	ng/L
N-methylperfluorooctane sulfonamide (NMeFOSSA)	---	No	0.97	0.97	0.98	ng/L
N-methylperfluorooctanesulfonaetic acid (NMeFOSAA)	---	No	1.90	1.90	1.90	ng/L
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	---	No	1.95	1.90	2.00	ng/L
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	---	No	1.95	1.90	2.00	ng/L
Perfluoro-3-methoxypropanoic acid (PFMPA)	---	No	1.95	1.90	2.00	ng/L
Perfluoro-4-methoxybutanoic acid (PFMBA)	---	No	1.95	1.90	2.00	ng/L
Perfluorobutanesulfonic acid (PFBS)	---	No	1.90	0.97	2.00	ng/L
Perfluorobutanoic acid (PFBA)	---	Yes	2.90	2.40	3.40	ng/L
Perfluorodecanoic acid (PFDA)	---	No	1.92	1.90	2.00	ng/L
Perfluorododecanoic acid (PFDoA)	---	No	1.92	1.90	2.00	ng/L
Perfluoroheptanesulfonic acid (PFHpS)	---	No	1.95	1.90	2.00	ng/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Perfluoroheptanoic acid (PFHpA)	---	No	1.92	1.90	2.00	ng/L
Perfluorohexanesulfonic acid (PFHxS)	---	No	1.90	0.97	2.00	ng/L
Perfluorohexanoic acid (PFHxA)	---	No	1.92	1.90	2.00	ng/L
Perfluorononanoic acid (PFNA)	---	No	1.90	0.97	2.00	ng/L
Perfluorooctanesulfonic acid (PFOS)	70	Yes	2.20	1.82	2.40	ng/L
Perfluorooctanoic acid (PFOA)	70	Yes	1.98	1.90	2.30	ng/L
Perfluoropentanesulfonic acid (PFPeS)	---	No	1.95	1.90	2.00	ng/L
Perfluoropentanoic acid (PFPeA)	---	No	1.95	1.90	2.00	ng/L
Perfluorotetradecanoic acid (PFTeDA)	---	No	1.44	0.97	1.90	ng/L
Perfluorotridecanoic acid (PFTrDA or PFTRiA)	---	No	1.92	1.90	1.95	ng/L
Perfluoroundecanoic acid (PFUnA)	---	No	1.90	1.90	2.00	ng/L
Pharmaceuticals and Personal Care Products						
17a-Estradiol	---	No	0.71	0.49	0.93	ng/L
17a-Ethynyl estradiol	---	No	0.49	0.49	0.49	ng/L
17b-Estradiol	---	No	0.45	0.41	0.49	ng/L
2,4,6-Trichlorophenol	---	No	0.10	0.10	0.10	ug/L
4-n-Octylphenol	---	No	0.50	0.50	0.50	ug/L
4-tert-Octylphenol	---	No	0.50	0.50	0.50	ug/L
Acesulfame-K	---	No	0.0096	0.0096	0.0096	ug/L
Acetaminophen	---	No	0.0049	0.0048	0.0049	ug/L
Androstenedione	---	No	0.31	0.31	0.31	ng/L
Antipyrine	---	No	0.0010	0.0010	0.0010	ug/L
Atenolol	---	No	0.0010	0.0010	0.0010	ug/L
Azithromycin	---	No	0.0049	0.0048	0.0049	ug/L
Bezafibrate	---	No	0.0005	0.0005	0.0005	ug/L
Bisphenol A	---	No	0.1	0.1	0.1	ug/L
Caffeine	---	No	0.0490	0.0480	0.0490	ug/L
Carbadox	---	No	0.0049	0.0048	0.0049	ug/L
Carbamazepine	---	No	0.0010	0.0010	0.0010	ug/L
Chloramphenicol	---	No	0.0048	0.0048	0.0048	ug/L
Chlorotetracycline	---	No	0.0480	0.0480	0.0480	ug/L
cis-Testosterone	---	No	0.098	0.097	0.100	ng/L
Clofibric acid	---	No	0.0005	0.0005	0.0005	ug/L
Cotinine	---	No	0.0010	0.0010	0.0010	ug/L
DEET	---	No	0.0049	0.0048	0.0049	ug/L
Dexamethasone	---	No	0.0049	0.0048	0.0049	ug/L
Diazepam	---	No	0.001	0.001	0.001	ug/L
Diclofenac acid	---	No	0.0005	0.0005	0.0005	ug/L
Diethylstilbestrol (DES)	---	No	0.500	0.500	0.500	ng/L
Dilantin	---	No	0.0019	0.0019	0.0019	ug/L
Diltiazem	---	No	0.0001	0.0001	0.0001	ug/L
Equilin	---	No	0.41	0.41	0.41	ng/L
Erythromycin	---	No	0.001	0.001	0.001	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Estriol	---	No	0.66	0.49	0.83	ng/L
Estrone	---	No	1.25	0.49	2.10	ng/L
Fluoxetine (Prozac)	---	No	0.0010	0.0010	0.0010	ug/L
Gemfibrozil	---	No	0.0005	0.0005	0.0005	ug/L
Ibuprofen	---	No	0.0480	0.0480	0.0480	ug/L
Iopromide	---	No	0.0485	0.0480	0.0490	ug/L
Levothyroxine (Synthroid)	---	No	0.0019	0.0019	0.0019	ug/L
Lincomycin	---	No	0.0001	0.0001	0.0001	ug/L
Meprobamate	---	No	0.0010	0.0010	0.0010	ug/L
Monensin	---	No	0.0010	0.0010	0.0010	ug/L
Naproxen	---	No	0.0019	0.0019	0.0019	ug/L
Narasin	---	No	0.0010	0.0010	0.0010	ug/L
Nicotine	---	No	0.0098	0.0097	0.0098	ug/L
Nonylphenol, isomer mix	---	No	0.50	0.50	0.50	ug/L
Oleandomycin	---	No	0.0010	0.0010	0.0010	ug/L
Paraxanthine	---	No	0.0049	0.0048	0.0049	ug/L
Penicillin G	---	No	0.0019	0.0019	0.0019	ug/L
Penicillin V	---	No	0.0019	0.0019	0.0019	ug/L
Pentachlorophenol - L200	---	No	0.1	0.1	0.1	ug/L
Phenylphenol, Total	---	No	0.1	0.1	0.1	ug/L
Prednisone	---	No	0.0019	0.0019	0.0019	ug/L
Primidone	---	No	0.0049	0.0048	0.0049	ug/L
Progesterone	---	No	0.098	0.097	0.099	ng/L
Roxithromycin	---	No	0.0010	0.0010	0.0010	ug/L
Salicylic acid	---	No	0.0480	0.0480	0.0480	ug/L
Salinomycin	---	No	0.0001	0.0001	0.0001	ug/L
Sucralose	---	Yes	0.062	0.055	0.069	ug/L
Sulfadiazine	---	No	0.0010	0.0010	0.0010	ug/L
Sulfadimethoxine	---	No	0.0001	0.0001	0.0001	ug/L
Sulfamethazine	---	No	0.001	0.001	0.001	ug/L
Sulfamethizole	---	No	0.001	0.001	0.001	ug/L
Sulfamethoxazole	---	No	0.001	0.001	0.001	ug/L
Sulfasalazine	---	No	0.0049	0.0048	0.0049	ug/L
Sulfathiazole	---	No	0.0010	0.0010	0.0010	ug/L
TCEP (Tris(chloropropyl) phosphate)	---	No	0.0098	0.0097	0.0098	ug/L
TCPP (Tris(2-chloroisopropyl)phosphate)	---	No	0.0485	0.0480	0.0490	ug/L
Testosterone	---	Yes	0.105	0.100	0.110	ng/L
Tetrabromobisphenol A	---	No	0.1	0.1	0.1	ug/L
Theobromine	---	No	0.0485	0.0480	0.0490	ug/L
Theophylline	---	No	0.0048	0.0048	0.0048	ug/L
trans-Testosterone	---	No	0.098	0.097	0.099	ng/L
Triclocarban	---	No	0.0005	0.0005	0.0005	ug/L
Triclosan	---	No	0.0480	0.0480	0.0480	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Trimethoprim	---	No	0.0010	0.0010	0.0010	ug/L
Tylosin	---	No	0.0010	0.0010	0.0010	ug/L
Virginiamycin M1	---	No	0.0010	0.0010	0.0010	ug/L
Semi-Volatile Organic Compounds						
1,2,4,5-Tetrachlorobenzene	---	No	0.97	0.97	0.97	ug/L
1-Methylnaphthalene	---	No	0.097	0.097	0.097	ug/L
1-Naphthol	---	No	1	1	1	ug/L
2,2',3,3',4,4',6-Heptachlorobiphenyl	---	No	0.485	0.480	0.490	ug/L
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	---	No	0.485	0.480	0.490	ug/L
2,2',3',4,6-Pentachlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2,2',4,4',5,6'-Hexachlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2,2',4,4'-Tetrachlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2,3-Dichlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2,4,5-TP (Silvex)	50	No	0.1	0.1	0.1	ug/L
2,4,5-Trichlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2,4-D	70	No	0.1	0.1	0.1	ug/L
2,4-Dinitrotoluene	---	No	0.485	0.480	0.490	ug/L
2,6-Dinitrotoluene	---	No	0.485	0.480	0.490	ug/L
2-Chlorobiphenyl	---	No	0.097	0.097	0.097	ug/L
2-Methylnaphthalene	---	No	0.097	0.097	0.097	ug/L
3-Hydroxycarbofuran	---	No	0.5	0.5	0.5	ug/L
4,4'-DDD	---	No	0.097	0.097	0.097	ug/L
4,4'-DDE	---	No	0.097	0.097	0.097	ug/L
4,4'-DDT	---	No	0.097	0.097	0.097	ug/L
Acenaphthene	---	No	0.097	0.097	0.097	ug/L
Acenaphthylene	---	No	0.097	0.097	0.097	ug/L
Acetochlor	---	No	0.097	0.097	0.097	ug/L
Alachlor	2	No	0.097	0.097	0.097	ug/L
Aldicarb	---	No	0.5	0.5	0.5	ug/L
Aldicarb sulfone	---	No	0.7	0.7	0.7	ug/L
Aldicarb sulfoxide	---	No	0.5	0.5	0.5	ug/L
Aldrin	---	No	0.097	0.097	0.097	ug/L
alpha-BHC	---	No	0.097	0.097	0.097	ug/L
alpha-Chlordane	---	No	0.097	0.097	0.097	ug/L
Ametryn	---	No	0.097	0.097	0.097	ug/L
Anilazine	---	No	0.97	0.97	0.97	ug/L
Anthracene	---	No	0.097	0.097	0.097	ug/L
Aspon	---	No	0.097	0.097	0.097	ug/L
Atraton	---	No	0.097	0.097	0.097	ug/L
Atrazine	3	No	0.097	0.097	0.097	ug/L
Azinphos-ethyl	---	No	0.485	0.480	0.490	ug/L
Azinphos-methyl	---	No	0.485	0.480	0.490	ug/L
Bendiocarb	---	No	0.485	0.480	0.490	ug/L
Benfluralin	---	No	0.097	0.097	0.097	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Benzo(a)anthracene	---	No	0.097	0.097	0.097	ug/L
Benzo(a)pyrene	0.200	No	0.019	0.019	0.019	ug/L
Benzo(b)fluoranthene	---	No	0.097	0.097	0.097	ug/L
Benzo(g,h,i)perylene	---	No	0.097	0.097	0.097	ug/L
Benzo(k)fluoranthene	---	No	0.097	0.097	0.097	ug/L
beta-BHC	---	No	0.097	0.097	0.097	ug/L
Bolstar	---	No	0.097	0.097	0.097	ug/L
Bromacil	---	No	0.097	0.097	0.097	ug/L
Butachlor	---	No	0.097	0.097	0.097	ug/L
Butylate	---	No	0.097	0.097	0.097	ug/L
Butylbenzylphthalate	---	No	0.97	0.97	0.97	ug/L
Carbaryl	---	No	0.5	0.5	0.5	ug/L
Carbofuran	40	No	0.9	0.9	0.9	ug/L
Carbophenothion	---	No	0.485	0.480	0.490	ug/L
Carboxin	---	No	0.097	0.097	0.097	ug/L
Chlordane	2	No	0.1	0.1	0.1	ug/L
Chlorfenvinphos	---	No	4.85	4.80	4.90	ug/L
Chlorobenzilate	---	No	0.097	0.097	0.097	ug/L
Chloroneb	---	No	0.097	0.097	0.097	ug/L
Chloropropylate	---	No	0.097	0.097	0.097	ug/L
Chlorothalonil	---	No	0.097	0.097	0.097	ug/L
Chlorpropham	---	No	0.097	0.097	0.097	ug/L
Chlorpyrifos	---	No	0.097	0.097	0.097	ug/L
Chlorpyrifos methyl	---	No	0.485	0.480	0.490	ug/L
Chrysene	---	No	0.097	0.097	0.097	ug/L
cis-Nonachlor	---	No	0.097	0.097	0.097	ug/L
cis-Permethrin	---	No	0.097	0.097	0.097	ug/L
Clomazone	---	No	0.097	0.097	0.097	ug/L
Coumaphos	---	No	0.097	0.097	0.097	ug/L
Crotoxyphos	---	No	0.485	0.480	0.490	ug/L
Cyanazine	---	No	0.097	0.097	0.097	ug/L
Cycloate	---	No	0.097	0.097	0.097	ug/L
Dalapon	200	No	1	1	1	ug/L
DCPA	---	No	0.097	0.097	0.097	ug/L
delta-BHC	---	No	0.097	0.097	0.097	ug/L
Demeton-O	---	No	0.485	0.480	0.490	ug/L
Demeton-S	---	No	0.485	0.480	0.490	ug/L
Desethylatrazine	---	No	0.970	0.970	0.970	ug/L
Desisopropylatrazine	---	No	0.970	0.970	0.970	ug/L
Di(2-ethylhexyl)adipate	6.000	No	0.580	0.580	0.580	ug/L
Di(2-ethylhexyl)phthalate	400.000	No	0.580	0.580	0.580	ug/L
Diazinon	---	No	0.097	0.097	0.097	ug/L
Dibenzo(a,h)anthracene	---	No	0.097	0.097	0.097	ug/L
Dicamba	---	No	0.1	0.1	0.1	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Dichlobenil	---	No	0.097	0.097	0.097	ug/L
Dichlofenthion	---	No	0.097	0.097	0.097	ug/L
Dichloran	---	No	0.485	0.480	0.490	ug/L
Dichlorvos	---	No	0.097	0.097	0.097	ug/L
Dicrotophos	---	No	0.485	0.480	0.490	ug/L
Dieldrin	---	No	0.097	0.097	0.097	ug/L
Diethylphthalate	---	No	0.970	0.970	0.970	ug/L
Dimethoate	---	No	0.485	0.480	0.490	ug/L
Dimethylphthalate	---	No	0.970	0.970	0.970	ug/L
Di-n-butyl phthalate	---	No	1.9	1.9	1.9	ug/L
Di-n-octyl phthalate	---	No	1.9	1.9	1.9	ug/L
Dinoseb	7	No	0.1	0.1	0.1	ug/L
Dioxathion	---	No	0.485	0.480	0.490	ug/L
Diphenamid	---	No	0.097	0.097	0.097	ug/L
Diquat	20	No	0.4	0.4	0.4	ug/L
Disulfoton	---	No	0.097	0.097	0.097	ug/L
Disulfoton sulfone	---	No	0.097	0.097	0.097	ug/L
Disulfoton sulfoxide	---	No	9.7	9.7	9.7	ug/L
Endosulfan I	---	No	0.097	0.097	0.097	ug/L
Endosulfan II	---	No	0.097	0.097	0.097	ug/L
Endosulfan sulfate	---	No	0.097	0.097	0.097	ug/L
Endothall	100	No	5	5	5	ug/L
Endrin	2	No	0.0097	0.0097	0.0097	ug/L
Endrin aldehyde	---	No	0.485	0.480	0.490	ug/L
E-Phosphamidon	---	No	0.485	0.480	0.490	ug/L
EPN	---	No	0.485	0.480	0.490	ug/L
EPTC	---	No	0.097	0.097	0.097	ug/L
Erucylamide	---	Yes	4.9	4.8	4.9	ug/L
Esfenvalerate	---	No	0.485	0.480	0.490	ug/L
Ethalfuralin	---	No	0.097	0.097	0.097	ug/L
Ethion	---	No	4.85	4.80	4.90	ug/L
Ethofumesate	---	No	0.485	0.480	0.490	ug/L
Ethoprop	---	No	0.097	0.097	0.097	ug/L
Etridiazole	---	No	0.097	0.097	0.097	ug/L
Famphur	---	No	0.097	0.097	0.097	ug/L
Fenamiphos	---	No	0.097	0.097	0.097	ug/L
Fenarimol	---	No	0.97	0.97	0.97	ug/L
Fenitrothion	---	No	0.485	0.480	0.490	ug/L
Fenoxaprop-ethyl	---	No	0.97	0.97	0.97	ug/L
Fensulfothion	---	No	0.485	0.480	0.490	ug/L
Fenthion	---	No	0.097	0.097	0.097	ug/L
Fluazifop-butyl	---	No	0.097	0.097	0.097	ug/L
Fluchloralin	---	No	0.097	0.097	0.097	ug/L
Fluometuron	---	No	0.485	0.480	0.490	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Fluoranthene	---	No	0.097	0.097	0.097	ug/L
Fluorene	---	No	0.097	0.097	0.097	ug/L
Fluridone	---	No	0.97	0.97	0.97	ug/L
Fonofos	---	No	0.097	0.097	0.097	ug/L
gamma-BHC (Lindane)	0.2	No	0.019	0.019	0.019	ug/L
gamma-Chlordane	---	No	0.097	0.097	0.097	ug/L
Glyphosate	700	No	6	6	6	ug/L
Heptachlor	0.4	No	0.039	0.039	0.039	ug/L
Heptachlor epoxide	0.2	No	0.019	0.019	0.019	ug/L
Hexachlorobenzene	1	No	0.097	0.097	0.097	ug/L
Hexachlorocyclopentadiene	50	No	0.097	0.097	0.097	ug/L
Hexazinone	---	No	0.097	0.097	0.097	ug/L
Indeno(1,2,3-cd)pyrene	---	No	0.097	0.097	0.097	ug/L
Iprodione	---	No	0.485	0.480	0.490	ug/L
Isophenophos	---	No	0.485	0.480	0.490	ug/L
Isophorone	---	No	0.097	0.097	0.097	ug/L
Leptophos	---	No	0.485	0.480	0.490	ug/L
Malathion	---	No	0.097	0.097	0.097	ug/L
Metalaxyl	---	No	0.485	0.480	0.490	ug/L
Methomyl	---	No	0.5	0.5	0.5	ug/L
Methoxychlor	40	No	0.097	0.097	0.097	ug/L
Methyl paraoxon	---	No	0.485	0.480	0.490	ug/L
Methyl parathion	---	No	0.485	0.480	0.490	ug/L
Metolachlor	---	No	0.097	0.097	0.097	ug/L
Metribuzin	---	No	0.097	0.097	0.097	ug/L
Metsulfuron-methyl	---	No	9.7	9.7	9.7	ug/L
Mevinphos	---	No	0.097	0.097	0.097	ug/L
MGK 264 isomer a	---	No	0.097	0.097	0.097	ug/L
MGK 264 isomer b	---	No	0.097	0.097	0.097	ug/L
MGK 326	---	No	0.097	0.097	0.097	ug/L
Mirex	---	No	0.485	0.480	0.490	ug/L
Molinate	---	No	0.097	0.097	0.097	ug/L
Monocrotophos	---	No	0.485	0.480	0.490	ug/L
Naled	---	No	0.485	0.480	0.490	ug/L
Naphthalene	---	No	0.097	0.097	0.097	ug/L
Napropamide	---	No	0.097	0.097	0.097	ug/L
Norflurazon	---	No	0.97	0.97	0.97	ug/L
Oryzalin	---	No	9.7	9.7	9.7	ug/L
Oxadiazon	---	No	0.097	0.097	0.097	ug/L
Oxamyl	200	No	1	1	1	ug/L
Oxychlordane	---	No	0.097	0.097	0.097	ug/L
Oxyfluorfen	---	No	0.485	0.480	0.490	ug/L
Paraquat	---	No	0.4	0.4	0.4	ug/L
Parathion	---	No	0.485	0.480	0.490	ug/L

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	Regulatory Limit*	Detected**	Median	Min	Max	Units***
PCB-1016	---	No	0.1	0.1	0.1	ug/L
PCB-1221	---	No	0.1	0.1	0.1	ug/L
PCB-1232	---	No	0.1	0.1	0.1	ug/L
PCB-1242	---	No	0.1	0.1	0.1	ug/L
PCB-1248	---	No	0.1	0.1	0.1	ug/L
PCB-1254	---	No	0.1	0.1	0.1	ug/L
PCB-1260	---	No	0.1	0.1	0.1	ug/L
Pebulate	---	No	0.097	0.097	0.097	ug/L
Pendimethalin	---	No	0.097	0.097	0.097	ug/L
Pentachlorobenzene	---	No	0.485	0.480	0.490	ug/L
Pentachloronitrobenzene	---	No	0.485	0.480	0.490	ug/L
Pentachlorophenol	---	No	0.970	0.970	0.970	ug/L
Phenanthrene	---	No	0.097	0.097	0.097	ug/L
Phorate	---	No	0.097	0.097	0.097	ug/L
Phosmet	---	No	0.485	0.480	0.490	ug/L
Picloram	500	No	0.1	0.1	0.1	ug/L
Profluralin	---	No	0.097	0.097	0.097	ug/L
Prometon	---	No	0.97	0.97	0.97	ug/L
Prometryn	---	No	0.097	0.097	0.097	ug/L
Pronamide	---	No	0.097	0.097	0.097	ug/L
Propachlor	---	No	0.097	0.097	0.097	ug/L
Propanil	---	No	0.485	0.480	0.490	ug/L
Propazine	---	No	0.097	0.097	0.097	ug/L
Propiconazole a	---	No	4.85	4.8	4.9	ug/L
Propiconazole b	---	No	4.85	4.8	4.9	ug/L
Pyrene	---	No	0.097	0.097	0.097	ug/L
Simazine	4	No	0.068	0.068	0.068	ug/L
Simetryn	---	No	0.097	0.097	0.097	ug/L
Stirophos	---	No	0.097	0.097	0.097	ug/L
Sulfotepp	---	No	0.485	0.480	0.490	ug/L
Tebuthiuron	---	No	9.7	9.7	9.7	ug/L
TEPP	---	No	0.970	0.970	0.970	ug/L
Terbacil	---	No	0.097	0.097	0.097	ug/L
Terbufos	---	No	0.485	0.480	0.490	ug/L
Terbutryn	---	No	0.097	0.097	0.097	ug/L
Thiabendazole	---	No	9.7	9.7	9.7	ug/L
Thiobencarb	---	No	0.097	0.097	0.097	ug/L
Thionazin	---	No	0.485	0.480	0.490	ug/L
Tokuthion (Prothiofos)	3	No	0.485	0.480	0.490	ug/L
trans-Nonachlor	---	No	0.097	0.097	0.097	ug/L
trans-Permethrin	---	No	0.097	0.097	0.097	ug/L
Triadimefon	---	No	0.485	0.480	0.490	ug/L
Trichloronate	---	No	0.485	0.480	0.490	ug/L
Tricyclazole	---	No	0.970	0.970	0.970	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Trifluralin	---	No	0.097	0.097	0.097	ug/L
Vernolate	---	No	0.097	0.097	0.097	ug/L
Vinclozolin	---	No	0.485	0.480	0.490	ug/L
Z-Phosphamidon	---	No	0.485	0.480	0.490	ug/L
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	---	No	0.5	0.5	0.5	ug/L
1,1,1-Trichloroethane	200	No	0.5	0.5	0.5	ug/L
1,1,2,2-Tetrachloroethane	---	No	0.5	0.5	0.5	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	---	No	0.5	0.5	0.5	ug/L
1,1,2-Trichloroethane	5	No	0.5	0.5	0.5	ug/L
1,1-Dichloroethane	---	No	0.5	0.5	0.5	ug/L
1,1-Dichloroethene	7	No	0.5	0.5	0.5	ug/L
1,1-Dichloropropanone	---	No	5	5	5	ug/L
1,1-Dichloropropene	---	No	0.5	0.5	0.5	ug/L
1,2,3-Trichlorobenzene	---	No	0.5	0.5	0.5	ug/L
1,2,3-Trichloropropane	---	No	0.5	0.5	0.5	ug/L
1,2,3-Trimethylbenzene	---	No	0.5	0.5	0.5	ug/L
1,2,4-Trichlorobenzene	70	No	0.5	0.5	0.5	ug/L
1,2,4-Trimethylbenzene	---	No	0.5	0.5	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	0.2	No	0.2	0.2	0.2	ug/L
1,2-Dibromoethane (EDB)	0.05	No	0.2	0.2	0.2	ug/L
1,2-Dichlorobenzene	---	No	0.5	0.5	0.5	ug/L
1,2-Dichloroethane	5	No	0.5	0.5	0.5	ug/L
1,2-Dichloropropane	5	No	0.25	0.25	0.25	ug/L
1,3,5-Trimethylbenzene	---	No	0.5	0.5	0.5	ug/L
1,3-Butadiene	---	No	5	5	5	ug/L
1,3-Dichlorobenzene	---	No	0.5	0.5	0.5	ug/L
1,3-Dichloropropane	---	No	0.5	0.5	0.5	ug/L
1,3-Dichloropropylene, cis	---	No	0.5	0.5	0.5	ug/L
1,3-Dichloropropylene, trans	---	No	0.5	0.5	0.5	ug/L
1,4-Dichlorobenzene	75	No	0.5	0.5	0.5	ug/L
1,4-Dioxane	---	No	5.0	5.0	5.0	ug/L
1-Chlorobutane	---	No	5.0	5.0	5.0	ug/L
2,2-Dichloropropane	---	No	0.5	0.5	0.5	ug/L
2,3,7,8-TCDD	---	No	5	5	5	pg/L
2-Butanone (MEK)	---	No	5	5	5	ug/L
2-Chlorotoluene	---	No	0.5	0.5	0.5	ug/L
2-Hexanone	---	No	5	5	5	ug/L
2-Nitropropane	---	No	2	2	2	ug/L
4-Chlorotoluene	---	No	0.5	0.5	0.5	ug/L
4-Isopropyltoluene	---	No	0.5	0.5	0.5	ug/L
4-Methyl-2-pentanone (MIBK)	---	No	2	2	2	ug/L
Acetone	---	No	5	5	5	ug/L
Acrylonitrile	---	No	1	1	1	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
Allyl chloride	---	No	5	5	5	ug/L
Benzene	---	No	0.5	0.5	0.5	ug/L
Benzyl chloride	5	No	0.5	0.5	0.5	ug/L
Bis(2-chloroethyl)ether	---	No	2	2	2	ug/L
Bromobenzene	---	No	0.5	0.5	0.5	ug/L
Bromochloromethane	---	No	0.5	0.5	0.5	ug/L
Bromodichloromethane	---	Yes	2.9	1.2	5.2	ug/L
Bromoform	---	Yes	0.5	0.22	0.63	ug/L
Bromomethane	---	No	0.5	0.5	0.5	ug/L
Carbon disulfide	---	No	0.5	0.5	0.5	ug/L
Carbon tetrachloride	5	No	0.5	0.5	0.5	ug/L
Chloroacetonitrile	---	No	5	5	5	ug/L
Chlorobenzene	100	No	0.5	0.5	0.5	ug/L
Chloroethane	---	No	0.5	0.5	0.5	ug/L
Chloroform	---	Yes	2.2	0.9	5.7	ug/L
Chloromethane	---	No	0.5	0.5	0.5	ug/L
Chloroprene	---	No	5	5	5	ug/L
cis-1,2-Dichloroethylene	70	No	0.5	0.5	0.5	ug/L
cis-1,3-Dichloropropylene	---	No	0.5	0.5	0.5	ug/L
Cyclohexanone	---	No	5	5	5	ug/L
Dibromochloromethane	---	Yes	2.10	1.00	3.80	ug/L
Dibromomethane	---	No	0.5	0.5	0.5	ug/L
Dichlorodifluoromethane	---	No	0.5	0.5	0.5	ug/L
Dichloromethane	5	No	0.5	0.5	0.5	ug/L
Epichlorohydrin	---	No	1	1	1	ug/L
Ethyl acrylate	---	No	1	1	1	ug/L
Ethyl ether	---	No	2	2	2	ug/L
Ethyl methacrylate	---	No	1	1	1	ug/L
Ethyl tert-butyl ether	---	No	2	2	2	ug/L
Ethylbenzene	700	No	0.5	0.5	0.5	ug/L
Hexachlorobutadiene	---	No	0.25	0.25	0.25	ug/L
Hexachloroethane	---	No	2	2	2	ug/L
Isopropyl ether	---	No	0.5	0.5	0.5	ug/L
Isopropylbenzene	---	No	0.25	0.25	0.25	ug/L
Methacrylonitrile	---	No	5	5	5	ug/L
Methyl acrylate	---	No	1	1	1	ug/L
Methyl iodide	---	No	2	2	2	ug/L
Methyl methacrylate	---	No	1	1	1	ug/L
Methyl tert-butyl ether (MTBE)	---	No	0.5	0.5	0.5	ug/L
m-Xylene & p-Xylene	---	No	0.5	0.5	0.5	ug/L
Naphthalene	---	No	0.5	0.5	0.5	ug/L
n-Butyl acrylate	---	No	1	1	1	ug/L
n-Butylbenzene	---	No	0.5	0.5	0.5	ug/L
Nitrobenzene	---	No	5	5	5	ug/L

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
n-Propylbenzene	---	No	0.5	0.5	0.5	ug/L
o-Xylene	---	No	0.5	0.5	0.5	ug/L
Pentachloroethane	---	No	2	2	2	ug/L
Propionitrile	---	No	5	5	5	ug/L
sec-Butylbenzene	---	No	0.5	0.5	0.5	ug/L
Styrene	100	No	0.5	0.5	0.5	ug/L
tert-Amyl methyl ether	---	No	3	3	3	ug/L
tert-Butyl alcohol	---	No	2	2	2	ug/L
tert-Butylbenzene	---	No	0.5	0.5	0.5	ug/L
Tetrachloroethene	5	No	0.5	0.5	0.5	ug/L
Tetrahydrofuran	---	No	5	5	5	ug/L
Toluene	1000	No	0.5	0.5	0.5	ug/L
trans-1,2-Dichloroethylene	100	No	0.5	0.5	0.5	ug/L
trans-1,3-Dichloropropylene	---	No	0.5	0.5	0.5	ug/L
trans-1,4-Dichloro-2-butylene	---	No	5	5	5	ug/L
Trichloroethylene	5	No	0.5	0.5	0.5	ug/L
Trichlorofluoromethane	---	No	0.5	0.5	0.5	ug/L
Total Trihalomethanes	80	Yes	7.31	3.37	17.44	ug/L
Vinyl acetate	---	No	5	5	5	ug/L
Vinyl chloride	2	No	0.2	0.2	0.2	ug/L
Xylenes, Total	10000	No	0.5	0.5	0.5	ug/L
Brominated Diphenyl Ethers						
BDE-1	---	No	9.930	9.930	9.930	pg/L
BDE-2	---	No	6.370	6.370	6.370	pg/L
BDE-3	---	No	5.790	5.790	5.790	pg/L
BDE-10	---	No	0.244	0.244	0.244	pg/L
BDE-7	---	No	2.180	2.180	2.180	pg/L
BDE-8/11	---	No	0.154	0.154	0.154	pg/L
BDE-12	---	No	0.145	0.145	0.145	pg/L
BDE-13	---	No	1.340	1.340	1.340	pg/L
BDE-15	---	No	0.118	0.118	0.118	pg/L
BDE-30	---	No	0.391	0.391	0.391	pg/L
BDE-32	---	No	0.278	0.278	0.278	pg/L
BDE-17	---	No	0.285	0.285	0.285	pg/L
BDE-25	---	No	0.397	0.397	0.397	pg/L
BDE-28/33	---	No	0.306	0.306	0.306	pg/L
BDE-35/21	---	No	0.224	0.224	0.224	pg/L
BDE-37	---	No	0.196	0.196	0.196	pg/L
BDE-75/51	---	No	0.143	0.143	0.143	pg/L
BDE-49	---	No	0.184	0.184	0.184	pg/L
BDE-71	---	No	0.199	0.199	0.199	pg/L
BDE-47	---	Yes	14.5	9.7	19.3	pg/L
BDE-66	---	No	0.220	0.220	0.220	pg/L
BDE-77	---	No	0.127	0.127	0.127	pg/L

2022 Entry Point Water Quality

	Regulatory Limit*	Detected**	Median	Min	Max	Units***
BDE-79	---	No	0.123	0.123	0.123	pg/L
BDE-100	---	Yes	2.440	2.440	2.440	pg/L
BDE-119/120	---	No	0.493	0.493	0.493	pg/L
BDE-99	---	Yes	12.50	12.50	12.50	pg/L
BDE-116	---	No	0.961	0.961	0.961	pg/L
BDE-85	---	No	0.469	0.469	0.469	pg/L
BDE-126	---	No	0.290	0.290	0.290	pg/L
BDE-105	---	No	0.570	0.570	0.570	pg/L
BDE-155	---	No	0.350	0.350	0.350	pg/L
BDE-128/154	---	No	1.16	1.16	1.16	pg/L
BDE-153	---	No	0.88	0.63	1.13	pg/L
BDE-140	---	No	0.59	0.59	0.59	pg/L
BDE-138	---	No	0.70	0.70	0.70	pg/L
BDE-166	---	No	1.29	1.29	1.29	pg/L
BDE-183/176	---	No	0.88	0.33	1.44	pg/L
BDE-181/177	---	No	1.41	1.41	1.41	pg/L
BDE-190/171	---	No	1.25	1.25	1.25	pg/L
BDE-203/200	---	No	2.18	2.18	2.18	pg/L
BDE-208	---	No	4.99	4.99	4.99	pg/L
BDE-207	---	No	5.53	5.53	5.53	pg/L
BDE-206	---	No	10.70	10.70	10.70	pg/L
BDE-209	---	No	38.00	38.00	38.00	pg/L

*--- = not regulated

**For substance No, the results equal the minimim detection limit (MDL)

***Units

mg/L = milligrams per liter = ppm = parts per million

µg/L = micrograms per liter = ppb = parts per billion

ng/L = nanograms per liter = ppt = parts per trillion

pg/L = picograms per liter = ppq = parts per quadrillion