

Naturally Occuring Compounds as well as Contaminants					Distribution Area 23 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Average Value	No. Of Tests
<b>Inorganics</b>									
Alkalinity to pH 4.5 mg CaCO3/L	n/a	n/a	mg/L	Naturally occurring	NO	ND	82.2	45.9	122
Aluminum	n/a	n/a	mg/L	Naturally occurring	NO	ND	0.11	0.03	147
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	NO	ND	ND	ND	145
Arsenic	10	0	ug/L	Erosion of natural deposits	NO	ND	ND	ND	147
Barium	2	2	mg/L	Erosion of natural deposits	NO	ND	0.08	0.03	147
Boron	n/a	n/a	mg/L	Naturally occurring	NO	ND	ND	ND	191
Bromide	n/a	n/a	ug/L	Naturally occurring	NO	ND	142.0	ND	142
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	NO	ND	ND	ND	147
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	NO	4.6	45.3	20.6	191
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	NO	9.7	94.4	34.3	264
Chromium, total	100	100	ug/L	Natural deposits	NO	ND	4.2	ND	147
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	NO	0.4	22.0	5.0	122
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	NO	ND	4.2	0.5	147
Color	15	n/a	Color Units	Naturally occurring metals or minerals	NO	ND	12	ND	121
Copper	AL=1.3	1.3	mg/L	Household plumbing	NO	ND	0.05	ND	147
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	NO	ND	ND	ND	265
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	NO	18.0	142.0	69.8	191
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	NO	0.04	1.20	0.35	119
Iron	300	n/a	ug/L	Naturally occurring	YES	ND	415	96	191
Lead	AL=15	0	ug/L	Household plumbing, lead solder	NO	ND	ND	ND	147
Lithium	n/a	n/a	ug/L	Naturally occurring	NO	ND	5.0	1.1	147
Magnesium	n/a	n/a	mg/L	Naturally occurring	NO	1.46	9.06	4.44	191
Manganese	300	n/a	ug/L	Naturally occurring	NO	ND	143	17	191
Molybdenum	n/a	n/a	ug/L	Naturally occurring	NO	ND	ND	ND	147
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	NO	ND	2.5	0.6	147
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	NO	ND	8.39	3.73	265
Nitrite	1	1	mg/L	Natural deposits, fertilizer, septic tanks	NO	ND	ND	ND	265
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	NO	ND	1.45	0.24	137
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	NO	6.2	8.6	7.3	185
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	NO	6.3	8.7	7.4	1180
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	NO	ND	4.91	0.35	191
Potassium	n/a	n/a	mg/L	Naturally occurring	NO	0.38	3.66	1.19	191
Silicon	n/a	n/a	mg/L	Naturally occurring	NO	5.4	10.2	7.5	147
Sodium	n/a	n/a	mg/L	Naturally occurring	NO	7.2	52.3	16.1	191
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	NO	77	497	230	122
Strontium-88	n/a	n/a	mg/L	Naturally occurring	NO	0.021	0.137	0.068	147
Sulfate	250	n/a	mg/L	Naturally occurring	NO	3.6	56.4	21.5	267
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	NO	ND	ND	ND	123
Tin	n/a	n/a	ug/L	Solder used in plumbing	NO	ND	ND	ND	147
Titanium	n/a	n/a	ug/L	Naturally occurring	NO	ND	ND	ND	191
Total Organic Carbon (TOC)	n/a	n/a	mg/L	Naturally occurring	NO	ND	0.6	ND	10
Turbidity	5	n/a	NTU	Silts and clays in aquifer	NO	ND	2.1	0.46	122
Vanadium	n/a	n/a	ug/L	Naturally occurring	NO	ND	5.5	ND	147
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	NO	ND	0.05	ND	147
<b>Synthetic Organic Compounds including Pesticides and Herbicides * (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane)</b>									
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	NO	ND	ND	ND	143
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	NO	ND	ND	ND	143
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	NO	ND	ND	ND	157
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	NO	ND	0.50	ND	157
Chlordane, Total	2	n/a	ug/L	Residue of banned termiticide	NO	ND	ND	ND	130
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect Repellent	NO	ND	ND	ND	145
1,4-Dioxane	*1	n/a	ug/L	Used in manufacturing processes	NO	ND	0.19	ND	143
Hexazinone	50	n/a	ug/L	Used as an herbicide	NO	ND	ND	ND	145
Metalaxyl	50	n/a	ug/L	Used as a fungicide	NO	ND	ND	ND	145
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	NO	ND	ND	ND	145
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	NO	ND	1.86	ND	143
Metolachlor OA	50	n/a	ug/L	Degradation product of Metolachlor	NO	ND	0.78	ND	143
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	NO	ND	2.16	ND	136
<b>Volatile Organic Compounds</b>									
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	NO	ND	ND	ND	205
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	NO	ND	13.80	ND	205
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	NO	ND	ND	ND	205
1,3-Dichlorobenzene	5	n/a	ug/L	Used as a fumigant and insecticide	NO	ND	ND	ND	205
1,4-Dichlorobenzene	5	n/a	ug/L	Used as a fumigant and insecticide	NO	ND	ND	ND	205
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	NO	ND	ND	ND	205
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	NO	ND	ND	ND	205
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	NO	ND	ND	ND	205
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	NO	ND	ND	ND	205
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	NO	ND	ND	ND	205
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	ND	ND	205
4-Methyl-2-Pentanone	50	n/a	ug/L	From manufacturing facilities	NO	ND	ND	ND	205
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	NO	ND	0.36	ND	205

Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Average Value	No. Of Tests
<b>Volatile Organic Compounds (Continued)</b>									
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	0.14	ND	205
p,m-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	ND	ND	205
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	NO	ND	ND	ND	205
1,2,4-Trichlorobenzene	5	n/a	ug/L	Discharge from textile-finishing factories	NO	ND	ND	ND	205
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	NO	ND	ND	ND	205
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	NO	ND	ND	ND	206
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	NO	ND	ND	ND	206
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	NO	ND	0.28	ND	205
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	NO	ND	ND	ND	205

Please see pages 12 through 14 for information on the Perfluoroalkyl and Polyfluoroalkyl Substances testing.

Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances Monitoring					Distribution Area 23 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Average Value	No. Of Tests
<b>Synthetic Organic Compounds including Perfluoroalkyl and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method</b>									
Perfluorobutanoic Acid	50	n/a	ug/L	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	NO	ND	ND	ND	166
Perfluoro-n-hexanoic Acid	50	n/a	ug/L		NO	ND	0.012	ND	166
Perfluorohexane Sulfonic Acid	50	n/a	ug/L		NO	ND	0.013	ND	166
Perfluorononanoic Acid	50	n/a	ug/L		NO	ND	ND	ND	166
Perfluorooctanoic Acid	*0.010	n/a	ug/L		NO	ND	0.003	ND	166
Perfluorooctane Sulfonate	*0.010	n/a	ug/L		NO	ND	0.005	ND	166
<b>* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) &amp; Perfluorooctane Sulfonate (PFOS))</b>									

Please see pages 16 through 18 for information on the PPCPs testing.

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring					Distribution Area 23 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Average Value	No. Of Tests
<b>Synthetic Organic Compounds including Pesticides and Pharmaceuticals</b>									
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	NO	ND	ND	ND	98
Dilantin	50	n/a	ug/L	Antiepileptic drug	NO	ND	ND	ND	98
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	NO	ND	ND	ND	98
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	50	n/a	mg/l	Used for determining drug levels in the body	NO	ND	ND	ND	98
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	NO	ND	ND	ND	98
Imidacloprid	50	n/a	ug/L	Used as a pesticide	NO	ND	0.11	ND	98
Lamotrigine	50	n/a	ug/L	Pharmaceutical anticonvulsant drug	NO	ND	ND	ND	98
Meprobamate	50	n/a	ug/L	Antianxiety drug	NO	ND	ND	ND	98
Phenobarbital	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	NO	ND	ND	ND	98
Primidone	50	n/a	ug/L	Pharmaceutical anticonvulsant drug	NO	ND	ND	ND	98
Sulfamethoxazole	50	n/a	ug/L	Antibiotic	NO	ND	ND	ND	98

Disinfectants and Disinfection Byproducts (DDBPs) Monitoring					Distribution Area 23 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Average Value	No. Of Tests
<b>Disinfectant and Disinfection By-Products (**MCL is the sum of the four starred compounds shown below)</b>									
Bromochloroacetic Acid	50	n/a	ug/L	By-product of chlorination	NO	ND	ND	ND	10
Bromodichloromethane	**80	n/a	ug/L	By-product of chlorination	NO	ND	2.51	ND	205
Bromoform	**80	n/a	ug/L	By-product of chlorination	NO	ND	2.27	ND	205
Chlorate	n/a	n/a	mg/L	By-product of chlorination	NO	ND	0.57	0.13	142
Chloroform	**80	n/a	ug/L	By-product of chlorination	NO	ND	9.28	1.32	205
Dibromoacetic Acid	*60	n/a	ug/L	By-product of chlorination	NO	ND	0.64	ND	10
Dibromochloromethane	**80	n/a	ug/L	By-product of chlorination	NO	ND	2.75	ND	205
Dichloroacetic Acid	*60	n/a	ug/L	By-product of chlorination	NO	ND	ND	ND	10
Free Chlorine	4	n/a	mg/L	Used as disinfectant	NO	0.27	1.75	0.89	1184
Monochloroacetic Acid	*60	n/a	ug/L	By-product of chlorination	NO	ND	ND	ND	10
Trichloroacetic Acid	*60	n/a	ug/L	By-product of chlorination	NO	ND	ND	ND	10
<b>(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)</b>									

Please see pages 22 through 24 for information on the DDBPs testing.