| Naturally Occuring Compounds as well as Contaminants | | | | | Distribution Area WNWD Range of Readings | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detected Compound | MCL | MCLG or HAL | Unit of Measure | Likely Source | Violation Yes/No | Low Value | High Value | Average Value | No. Of Tests |
| **Inorganics** | | | | | | | | | |
| Alkalinity to pH 4.5 | n/a | n/a | mgCaCO3/L | Naturally occurring | NO | 84.8 | 109.0 | 96.3 | 8 |
| Aluminum | n/a | n/a | mg/L | Naturally occurring | NO | ND | ND | ND | 10 |
| Ammonia, free | n/a | n/a | mg/L | Some fertilizers, septic systems | NO | ND | ND | ND | 3 |
| Arsenic | 10 | 0 | ug/L | Erosion of natural deposits | NO | ND | ND | ND | 10 |
| Barium | 2 | 2 | mg/L | Erosion of natural deposits | NO | ND | 0.04 | 0.02 | 10 |
| Boron | n/a | n/a | mg/L | Naturally occurring | NO | ND | ND | ND | 37 |
| Bromide | n/a | n/a | ug/L | Naturally occurring | NO | ND | 54.5 | ND | 9 |
| Calcium | n/a | n/a | mg/L | Naturally occurring; pH control | NO | 6.6 | 13.3 | 9.5 | 37 |
| Chloride | 250 | n/a | mg/L | Naturally occurring, salt water intrusion, road salt | NO | 15.2 | 32.7 | 21.9 | 17 |
| Chromium, total | 100 | 100 | ug/L | Natural deposits | NO | ND | 1.5 | 0.8 | 10 |
| CO2, Calculated | n/a | n/a | mg/L | Naturally occurring | NO | 1.7 | 60.8 | 21.4 | 8 |
| Cobalt-59 | n/a | n/a | ug/L | Naturally occurring | NO | ND | ND | ND | 10 |
| Color, Apparent | 15 | n/a | Color Units | Naturally occurring metals or minerals | NO | ND | 10 | ND | 8 |
| Copper | 1.3 | 1.3 | mg/L | Household plumbing | NO | ND | 0.07 | 0.03 | 10 |
| Fluoride | 2.2 | n/a | mg/L | Erosion of natural deposits | NO | ND | ND | ND | 17 |
| Hardness, total | n/a | n/a | mg/L | Measure of the Calcium and Magnesium | NO | 23.0 | 49.0 | 37.7 | 37 |
| Hexavalent Chromium | n/a | n/a | ug/L | Erosion of natural deposits | NO | 0.11 | 1.10 | 0.64 | 8 |
| Iron | 0.3 | n/a | ug/L | Naturally occurring | NO | ND | ND | ND | 37 |
| Lithium | n/a | n/a | ug/L | Naturally occurring | NO | ND | ND | ND | 10 |
| Magnesium | n/a | n/a | mg/L | Naturally occurring | NO | 1.55 | 4.61 | 3.39 | 37 |
| Manganese | 0.3 | n/a | ug/L | Naturally occurring | NO | ND | 41 | ND | 37 |
| Nickel | 100 | n/a | ug/L | Alloys, coatings manufacturing, batteries | NO | ND | ND | ND | 10 |
| Nitrate | 10 | 10 | mg/L | Natural deposits, fertilizer, septic tanks | NO | 2.46 | 6.26 | 4.39 | 17 |
| Nitrite | 1 | n/a | mg/L | Natural deposits, fertilizer, septic tanks | NO | ND | ND | ND | 17 |
| Perchlorate | 15 | 5 | ug/L | Fertilizers, solid fuel propellant, fireworks | NO | ND | 0.35 | ND | 9 |
| pH | n/a | n/a | pH units | Measure of water acidity or alkalinity | NO | 6.5 | 8.0 | 7.1 | 13 |
| pH, Field | n/a | n/a | pH units | Measure of water acidity or alkalinity | NO | 7.0 | 7.6 | 7.2 | 29 |
| Phosphate, total | n/a | n/a | mg/L | Added to keep iron in solution | NO | 0.40 | 1.29 | 0.74 | 37 |
| Potassium | n/a | n/a | mg/L | Naturally occurring | NO | 1.10 | 2.60 | 1.86 | 37 |
| Silicon | n/a | n/a | mg/L | Naturally occurring | NO | 5.2 | 8.3 | 6.8 | 10 |
| Sodium | n/a | n/a | mg/L | Naturally occurring | NO | 39.2 | 66.3 | 52.6 | 37 |
| Specific Conductance | n/a | n/a | umho/cm | Total of naturally occurring minerals | NO | 255 | 382 | 315 | 8 |
| Strontium-88 | n/a | n/a | mg/L | Naturally occurring | NO | 0.050 | 0.086 | 0.065 | 10 |
| Sulfate | 250 | n/a | mg/L | Naturally occurring | NO | 9.5 | 12.9 | 10.7 | 17 |
| Titanium | n/a | n/a | ug/L | Naturally occurring | NO | ND | ND | ND | 37 |
| Total Organic Carbon (TOC) | n/a | n/a | mg/L | Naturally occurring | NO | 0.8 | 0.9 | 0.8 | 2 |
| Turbidity | 5 | n/a | NTU | Silts and clays in aquifer | NO | ND | 0.65 | ND | 8 |
| Uranium | 30 | n/a | ug/L | Naturally occuring | NO | ND | ND | ND | 10 |
| Vanadium | n/a | n/a | ug/L | Naturally occurring | NO | ND | ND | ND | 10 |
| Zinc | 5 | n/a | mg/L | Naturally occurring, plumbing | NO | ND | ND | ND | 10 |
| **Synthetic Organic Compounds including Pesticides and Herbicides * (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane)** | | | | | | | | | |
| Alachlor ESA | 50 | n/a | ug/L | Degradation product of Alachlor | NO | ND | ND | ND | 7 |
| Alachlor OA | 50 | n/a | ug/L | Degradation product of Alachlor | NO | ND | ND | ND | 7 |
| Aldicarb Sulfone | 2 | 1 | ug/L | Pesticide used on row crops | NO | ND | ND | ND | 7 |
| Aldicarb Sulfoxide | 4 | 1 | ug/L | Pesticide used on row crops | NO | ND | ND | ND | 7 |
| Chlordane Total | 2 | n/a | ug/L | Residue of banned termiticide | NO | ND | ND | ND | 7 |
| Diethyltoluamide (DEET) | 50 | n/a | ug/L | Insect Repellent | NO | ND | ND | ND | 7 |
| 1,4-Dioxane | 1 | n/a | ug/L | Used in manufacturing processes | NO | ND | ND | ND | 7 |
| Metalaxyl | 50 | n/a | ug/L | Used as a fungicide | NO | ND | ND | ND | 7 |
| Metolachlor ESA | 50 | n/a | ug/L | Degradation product of Metolachlor | NO | ND | ND | ND | 7 |
| Metolachlor OA | 50 | n/a | ug/L | Degradation product of Metolachlor | NO | ND | ND | ND | 7 |
| Tetrachloroterephthalic Acid | 50 | n/a | ug/L | Used as a herbicide | NO | ND | ND | ND | 7 |
| **Volatile Organic Compounds** | | | | | | | | | |
| Chlorobenzene | 5 | n/a | ug/L | From industrial chemical factories | NO | ND | ND | ND | 19 |
| Chlorodifluoromethane | 5 | n/a | ug/L | Used as a refrigerant | NO | ND | ND | ND | 19 |
| Cis-1,2-Dichloroethene | 5 | n/a | ug/L | From industrial chemical factories | NO | ND | ND | ND | 19 |
| 1,3-Dichlorobenzene | 5 | n/a | ug/L | Used as a fumigant and insecticide | NO | ND | ND | ND | 19 |
| Dichlorodifluoromethane | 5 | n/a | ug/L | Refrigerant, aerosol propellant | NO | ND | ND | ND | 19 |
| 1,1-Dichloroethane | 5 | n/a | ug/L | Degreaser, gasoline, manufacturing | NO | ND | ND | ND | 19 |
| 1,1-Dichloroethene | 5 | n/a | ug/L | From industrial chemical factories | NO | ND | ND | ND | 19 |
| 1,2-Dichloropropane | 5 | 0 | ug/L | From industrial chemical factories | NO | ND | ND | ND | 19 |
| Ethyl Benzene | 5 | n/a | ug/L | From paint on inside of water storage tank | NO | ND | ND | ND | 19 |
| 4-Methyl-2-Pentanone | 50 | n/a | ug/L | From manufacturing facilities | NO | ND | ND | ND | 19 |
| Methyl-T-Butyl Ether | 10 | n/a | ug/L | Gasoline | NO | ND | ND | ND | 19 |
| o-Xylene | 5 | n/a | ug/L | From paint on inside of water storage tank | NO | ND | ND | ND | 19 |
| p,m-Xylene | 5 | n/a | ug/L | From paint on inside of water storage tank | NO | ND | ND | ND | 19 |
| Tetrachloroethene | 5 | 0 | ug/L | Factories, dry cleaners, spills | NO | ND | ND | ND | 19 |
| Toluene | 5 | n/a | ug/L | From paint on inside of water storage tank | NO | ND | ND | ND | 19 |
| 1,2,4-Trichlorobenzene | 5 | n/a | ug/L | Discharge from textile-finishing factories | NO | ND | ND | ND | 19 |
| 1,1,1-Trichloroethane | 5 | n/a | ug/L | Metal degreasing sites, factories | NO | ND | ND | ND | 19 |
| Trichloroethene | 5 | 0 | ug/L | Metal degreasing sites, factories | NO | ND | ND | ND | 19 |
| Trichlorofluoromethane | 5 | n/a | ug/L | Dry cleaning, propellant, fire extinguishers | NO | ND | ND | ND | 19 |
| 1,2,3-Trichloropropane | 5 | n/a | ug/L | Degreasing agent, manufacturing | NO | ND | ND | ND | 19 |
| 1,1,2-Trichlorotrifluoroethane | 5 | n/a | ug/L | Solvent in paints and varnishes | NO | ND | ND | ND | 19 |

| Unregulated Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances Monitoring | | | | | Distribution Area WNWD Range of Readings | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detected Compound | MCL | MCLG or HAL | Unit of Measure | Likely Source | Violation Yes/No | Low Value | High Value | Average Value | No. Of Tests |
| **Synthetic Organic Compounds** | | | | | | | | | |
| 1H,1H,2H,2H-Perfluorooctane Sulfonic acid | n/a | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | ND | ND | 13 |
| Perfluorobutanesulfonic acid | 50 | 2 | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.003 | ND | 13 |
| Perfluorobutanoic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | ND | ND | 13 |
| Perfluoroheptanoic Acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.003 | ND | 13 |
| Perfluorohexanesulfonic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | ND | ND | 13 |
| Perfluorohexanoic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.002 | ND | 13 |
| Perfluorononanoic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | ND | ND | 13 |
| Perfluoropentanesulfonic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | ND | ND | 13 |
| Perfluoropentanoic acid | 50 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.003 | ND | 13 |

| Regulated Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances Monitoring | | | | | Distribution Area WNWD Range of Readings | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detected Compound | MCL | MCLG or HAL | Unit of Measure | Likely Source | Violation Yes/No | Low Value | High Value | Average Value | No. Of Tests |
| **Synthetic Organic Compounds** | | | | | | | | | |
| Perfluorooctanesulfonic Acid | 0.01 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.007 | 0.002 | 13 |
| Perfluorooctanoic acid | 0.01 | n/a | ug/L | Released into the environment from widespread use in commercial and industrial applications | NO | ND | 0.006 | 0.002 | 13 |

| Pharmaceuticals and Personal Care Products (PPCPs) Monitoring | | | | | Distribution Area WNWD Range of Readings | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detected Compound | MCL | MCLG or HAL | Unit of Measure | Likely Source | Violation Yes/No | Low Value | High Value | Average Value | No. Of Tests |
| **Synthetic Organic Compounds Including Pesticides and Pharmaceuticals** | | | | | | | | | |
| Acesulfame-K | 50 | n/a | ug/L | Incomplete removal during wastewater treatment, home septic | NO | ND | 0.60 | 0.15 | 9 |
| Carbamazepine | 50 | n/a | ug/L | Anticonvulsant, mood stabilizing drug | NO | ND | ND | ND | 9 |
| Gemfibrozil | 50 | n/a | ug/L | Lipid lowering drug | NO | ND | ND | ND | 9 |
| Glycyrrhizic Acid | 50 | n/a | ug/L | Incomplete removal during wastewater treatment, home septic | NO | ND | ND | ND | 9 |
| 5-(4-Hydroxyphenyl) -5-Phenylhydantoin | 50 | n/a | ug/L | Used for determining drug levels in the body | NO | ND | ND | ND | 9 |
| Ibuprofen | 50 | n/a | ug/L | Anti-inflammatory drug | NO | ND | 0.23 | 0.08 | 9 |
| Imidacloprid | 50 | n/a | ug/L | Used as a pesticide | NO | ND | ND | ND | 9 |
| Meprobamate | 50 | n/a | ug/L | Antianxiety drug | NO | ND | ND | ND | 9 |
| Phenobarbital | 50 | n/a | ug/L | Anticonvulsant, mood stabilizing drug | NO | ND | ND | ND | 9 |
| Primidone | 50 | n/a | ug/L | Pharmaceutical anticonvulsant drug | NO | ND | ND | ND | 9 |
| Saccharin | 50 | n/a | ug/L | Incomplete removal during wastewater treatment, home septic | NO | ND | 0.06 | ND | 9 |
| Secobarbital | 50 | n/a | ug/L | Sedative | NO | ND | ND | ND | 9 |
| Sodium Cyclamate | 50 | n/a | ug/L | Incomplete removal during wastewater treatment, home septic | NO | ND | ND | ND | 9 |
| Sucralose | 50 | n/a | ug/L | Incomplete removal during wastewater treatment, home septic | NO | ND | 0.90 | 0.23 | 9 |
| Sulfamethoxazole | 50 | n/a | ug/L | Antibiotic | NO | ND | ND | ND | 9 |

| Disinfectants and Disinfection Byproducts (DDBPs) Monitoring | | | | | Distribution Area WNWD Range of Readings | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Detected Compound | MCL | MCLG or HAL | Unit of Measure | Likely Source | Violation Yes/No | Low Value | High Value | Average Value | No. Of Tests |
| **Disinfectant and Disinfection By-Products (**MCL is the sum of the four starred compounds shown below)** | | | | | | | | | |
| Bromochloroacetic Acid | 50 | n/a | ug/L | Byproduct of chlorination | NO | ND | ND | ND | 1 |
| Bromodichloroacetic Acid | 50 | n/a | ug/L | Byproduct of chlorination | NO | ND | ND | ND | 1 |
| Bromodichloromethane | **80 | n/a | ug/L | Byproduct of chlorination | NO | ND | 0.38 | ND | 19 |
| Bromoform | **80 | n/a | ug/L | Byproduct of chlorination | NO | ND | 0.26 | ND | 19 |
| Chlorate | n/a | n/a | mg/L | Byproduct of chlorination | NO | 0.06 | 0.34 | 0.17 | 9 |
| Chloroform | **80 | n/a | ug/L | Byproduct of chlorination | NO | ND | 5.07 | 1.31 | 19 |
| Dibromoacetic Acid | 60 | n/a | ug/L | Byproduct of chlorination | NO | ND | ND | ND | 1 |
| Dibromochloromethane | **80 | n/a | ug/L | Byproduct of chlorination | NO | ND | 0.61 | ND | 19 |
| Dichloroacetic Acid | 60 | n/a | ug/L | Byproduct of chlorination | NO | ND | ND | ND | 1 |
| Free Chlorine | 4 | n/a | mg/L | Used as a disinfectant | NO | 0.80 | 1.60 | 1.12 | 24 |
| Trichloroacetic Acid | 60 | n/a | ug/L | Byproduct of chlorination | NO | ND | ND | ND | 1 |