SUFFOLK COUNTY WATER AUTHORITY

www.scwa.com

2021 DRINKING WATER QUALITY REPORT

For the period January 1, 2020 to December 31, 2020

(Including data for Fair Harbor, Riverside, Brentwood, Stony Brook, Dering Harbor and East Farmingdale Water Districts)

Dear Suffolk County Water Authority Customer:

In the following pages you will find the Suffolk County Water Authority's 2020 Drinking Water Quality Report. The report contains all the information you need about the quality of the water we provide to your home or business.

In 2020, once again, SCWA provided drinking water that meets or surpasses all state and federal regulations, despite the immense challenges presented by the COVID-19 pandemic. The virus itself posed no threat to your drinking water since it's an airborne virus, not a waterborne virus.

However, the pandemic did result in tremendous challenges to the continuity of SCWA operations. In order to make sure we were able to continue to provide you high quality water all throughout this crisis, we implemented innovative strategies to stagger work shifts and create flexible work schedules to decrease the number of employees in the office at any given time. This protected employee health, allowing us to continue to conduct our vital water quality testing uninterrupted.

SCWA's water quality laboratory is the best in the nation. We hold ourselves to higher standards for water quality than federal and state regulations require. Our laboratory in 2020 tested for 414 chemical constituents, 265 more than required by regulators. We also analyzed 95,328 samples that produced 203,136 test results. Again in 2020, we conducted far more water quality tests than required by law. Our commitment to you is to always provide you high quality drinking water that is tested seven days a week. No other water supplier tests more than SCWA.

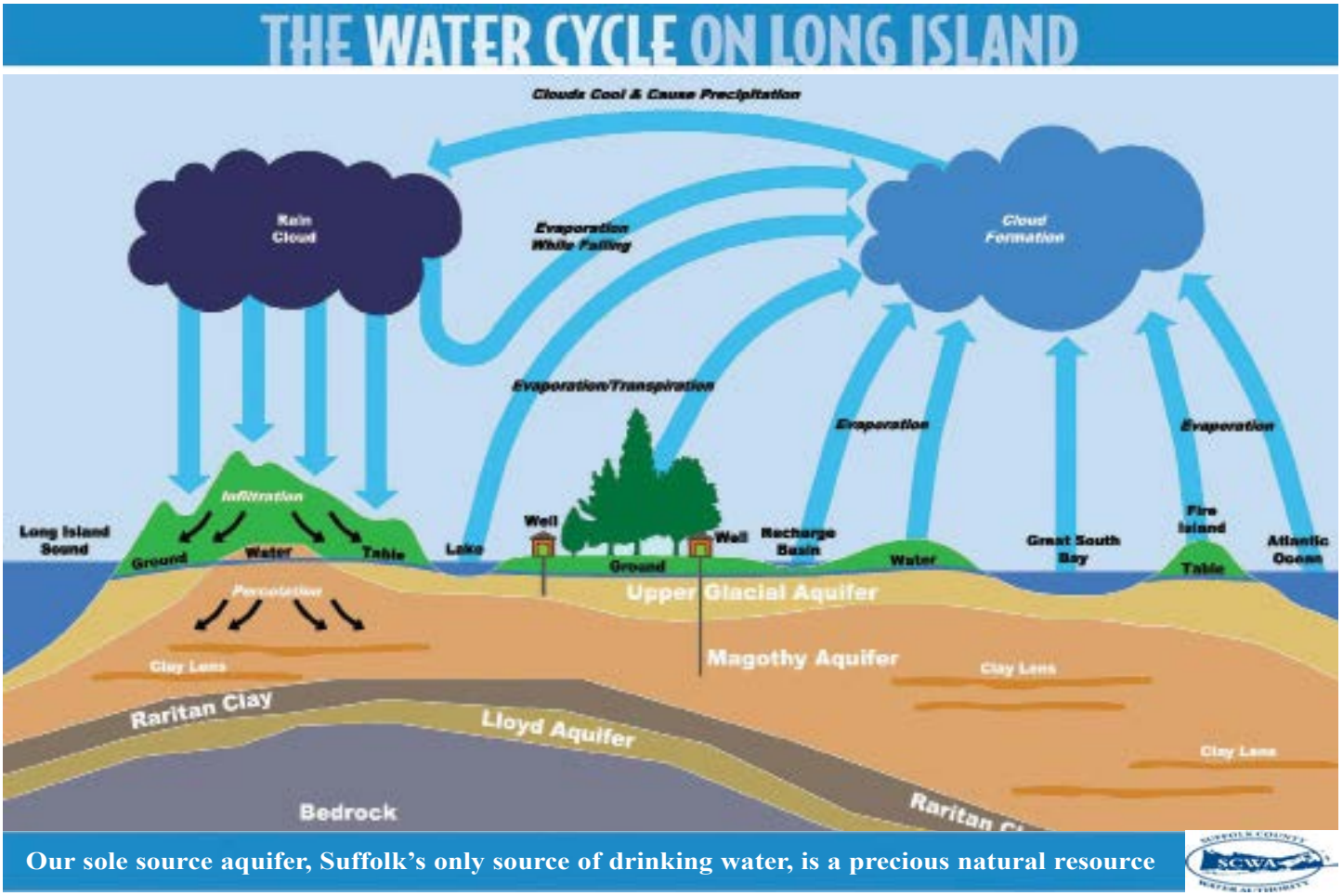
This report is available online in an interactive design that allows you to find water quality information quickly and easily. If you have any questions about this report, please call us at 631-698-9500 and our customer service representatives will be happy to assist you.

Patrick G. Halpin, Chairman,
Suffolk County Water Authority

Este informe contiene informacion muy importante sobre su agua de beber. Traduzcalo o hable con alguien que lo entienda bien.

Here's What's Inside:

OUR WATER SOURCE



Our sole source aquifer, Suffolk's only source of drinking water, is a precious natural resource

In general, the sources of drinking water (both tap water and bottled water) can include rivers, lakes, streams, ponds, reservoirs, springs, and aquifers. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activities. Contaminants that may be present in source water include: microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants.

All of the water we supply to you comes from beneath the ground and is referred to as groundwater. The water is stored beneath the ground in a sandy, geological formation known as the Aquifer System. Water in the Aquifer System originates as precipitation (such as rain and snow), which slowly percolates down through the soil and into the aquifers.

The total depth of the Long Island Aquifer System is shallowest on the north shore (approximately 600 feet) and deepest along the south shore (approximately 2,000 feet).

There are four primary formations which are layered, and make up the Long Island Aquifer System. From the shallowest to the deepest, these formations are:

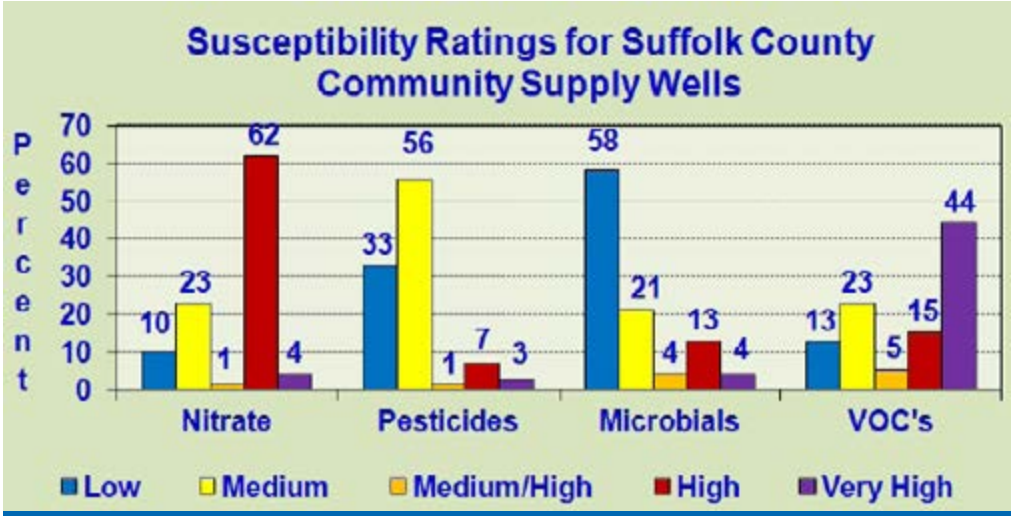
Upper Glacial Aquifer — contains the newest water to the groundwater system. The Water Authority has 279 wells drawing from this portion of the aquifer. Virtually all private wells draw from the Glacial Aquifer.

Magothy Aquifer — is the largest of the three formations and holds the most water, much of which is hundreds of years old. There are 350 SCWA wells drawing from this portion of the aquifer.

Raritan Clay — is a clay layer that separates the Magothy and Lloyd Aquifers. Some portions of the Raritan contain permeable, sandy formations that hold enough water to pump from. The SCWA has 3 wells in the Raritan.

Lloyd Aquifer — is a largely-untapped layer which contains the oldest water, some of which has been held in the Aquifer System for more than 5,000 years. The SCWA has 3 Lloyd wells.

SUFFOLK COUNTY SOURCE WATER ASSESSMENT SUMMARY REPORT



Summary chart of susceptibility ratings for Suffolk County community supply wells show the majority of wells having high susceptibility for nitrate, medium susceptibility for pesticides, low susceptibility for microbials and very high susceptibility for VOCs.

The federal Safe Drinking Water Act (SDWA) amendments of 1996 created a Source Water Assessment Program (SWAP) to evaluate existing and potential threats to the quality of public drinking water supplies throughout the U.S. To carry out this program in New York, the Bureau of Water Supply Protection of the New York State Department of Health (NYSDOH) developed the New York State SWAP plan, with input from a variety of interested parties. Source water assessments were performed for all public water supplies in Nassau and Suffolk Counties, in accordance with the final New York State SWAP plan prepared by the NYSDOH and approved by the U.S. Environmental Protection Agency (EPA) in November 1999. The chart above and summary below apply to **all** Suffolk County community supply wells.

It is important to remember that the source water assessments only indicate the **potential** for contamination of a supply well, based upon the likelihood of the presence of contaminants above ground in the source water recharge area and upon the **possibility** that any contaminants present can migrate down through the aquifer to the depth at which water enters the well screen. In most cases, the susceptibility, or potential, for contamination **has not** resulted in actual source water contamination. If contamination of a well source is identified, the Suffolk County Water Authority can either provide treatment or withdraw the well from service, so that all applicable drinking water standards are met.

Nitrate

Almost 70 percent of Suffolk County community supply wells were rated as high, or very high, for susceptibility to nitrate, with the lower population density accounting for reduced contaminant prevalence ratings in the central and eastern parts of the county.

Pesticides

The susceptibility of approximately 10 percent of community supply wells were rated medium-high, high, or very high for pesticides, largely where significant tracts of agricultural land exist in eastern Suffolk County.

Microbials

Almost 60 percent of community supply wells in Suffolk County have a low susceptibility to contamination by microbials. Over 20 percent of the community supply wells were rated medium-high, high, or very high for microbials. This is a result of the presence of microbial sources in unsewered areas and the relatively short travel times from the water table to shallow well screens, particularly in the central and eastern parts of the county.

Volatile Organic Chemicals (VOCs)

Almost 65 percent of the community supply wells in Suffolk County have susceptibility ratings of medium high, high or very high for VOCs, while over 35 percent of the wells are rated medium or low. If you would like detailed information regarding the source water assessment results for the source water that is supplied to your distribution area, please contact our laboratory at (631) 218-1112.

SOURCE WATER PROTECTION

To ensure that Suffolk residents will continue to have a pure and safe source of drinking water, our groundwater, the SCWA is at the forefront of aquifer protection measures. Maintaining, safeguarding, and improving the quality of our groundwater are critical for our public health, our economy and our environment. Source water protection also helps avoid costs associated with treating, monitoring and remediating contamination. Pollution prevention is always preferable to remediation.

Open Space Preservation

SCWA took a very active leadership role in working towards the enactment of the legislation that protected the Central Pine Barrens. This legislation has resulted in the preservation of more than 100,000 acres of land in central Suffolk, which overlies one portion of Long Island's federally designated sole source aquifer. We continue to provide resources to protect this unique resource.

Hydrological Research

We have partnered with the Long Island Groundwater Research Institute (LIGRI) at SUNY Stony Brook to study groundwater hydrology and chemistry, and the impacts that certain practices have on our groundwater quality and quantity. The focus of this scientific research is Long Island's aquifer system, and the goal is to utilize the results in practical applications to resolve groundwater related problems.

We also support local research and data collection by the United States Geological Survey (USGS) to assess the water quality and quantity of Suffolk's groundwater reservoir. The USGS performs on-going environmental and hydrologic surveillance and investigations including a long-term groundwater monitoring program, data collection on emerging contaminants and nitrate trends, geophysical surveys, and aquifer characterization. The USGS also maintains a database of this information, allowing for trend analyses.

Public Education and Outreach

Public education is an essential ingredient in maintaining the quality of our water resources. We provide an educational outreach program for students in the 4th through 8th grades that covers the water cycle and protection of our drinking water. We also have useful information on our website (scwa.com), in our Annual Report, and in billing inserts. Occasionally SCWA will distribute information to the public through newspaper ads, TV and radio announcements, and posters or plaques on our vehicles.

Additionally, group tours of our state-of-the-art water quality testing laboratory or one of our pump stations can be arranged, or we'll gladly make a special presentation to your civic organization.

The SCWA would like you to take an active part in preserving our local water supply by becoming a Groundwater Guardian.

The Groundwater Guardian program, an international effort by the Groundwater Foundation to educate the public about the nature and value of groundwater, is run locally by a group of dedicated individuals representing government, the business community, education, agriculture, and Suffolk citizens. The SCWA recently rejuvenated the program in Suffolk with the help of these local leaders, and is looking for volunteers to help raise awareness about the importance of preserving our groundwater. Potential public education campaigns may include poster and video contests in schools and the creation of a Suffolk County Groundwater Guardians website, among other efforts.

What You Can Do to Protect our Groundwater

- *Don't pour any hazardous or toxic household materials down the drain or toilet - old paint, cleaners, degreasers, oils, etc.*
- *Properly dispose of all expired or unused medications by dropping them off at your local Suffolk County police department precinct's drop box, available 24 hours a day, 7 days a week.*
- *If you use any chemicals on your lawn and gardens (pesticides, herbicides, and fertilizers) do so sparingly. In this case, more is not better.*
- *Don't overwater your lawn during the summer. Instead, irrigate less frequently and for longer durations to promote deep root growth and reduce runoff of any chemicals into the groundwater.*
- *Support open space preservation initiatives in your community.*

For further information, visit our website at www.scwa.com.

SOURCE WATER PROTECTION

The Value of Water

How often do you think about the value of your tap water? And yet it provides many things that no other water can.

- *It delivers public health.*
- *It delivers fire protection.*
- *It delivers economic development.*
- *It delivers quality of life.*

Water services are delivered to you 24/7/365. A day without water can mean:

- *No drinking, flushing or brushing.*
- *No showers, laundry, or dish washing.*
- *No putting out fires or watering lawns and gardens.*
- *Increased risk of waterborne diseases.*

Drinking water services are not free. Tap water costs less than a penny per gallon – a true bargain considering the energy and expertise it takes to treat and deliver clean and reliable water to homes and businesses day in and day out. But like many basic services, the cost of treating and delivering water is going up for several reasons:

Rising treatment costs – increasingly stringent drinking water regulations add to the cost of providing water.

Aging water infrastructure – repairing and upgrading aging pipelines, pumps and other facilities accounts for a significant portion of your water bill.

Increasing energy costs – it takes a lot of electricity to pump, treat and deliver water. Rising costs for energy directly affect the cost of delivering water to you.

Cost of developing new supplies – water bills reflect the cost of developing new wells and well fields to meet peak demand periods.

Our customers get more than just a product for their money. We provide reliable service that includes ongoing maintenance, sophisticated water quality testing and treatment, and highly trained personnel. Simply put, it is one of the best deals around. To learn more, please visit our website at ***www.scwa.com/environment***.

Conserving Water

In many parts of the U.S. water conservation is about reducing consumption to maximize a limited resource. Here in Suffolk County it isn't a matter of limited quantity, but rather a matter of using our precious natural resource efficiently. Although we have a sufficient water supply to meet present and future demands if managed properly, there are many reasons why conserving is important. Conserving water reduces the amount of electricity we use to run our wells. It reduces the need to construct new wells, water mains and tanks to meet increased demand. It ensures that there will be sufficient water pressure during peak demand periods to fight fires. Conserving water saves money and ensures that there will be an adequate supply for future generations.

Indoor Water Efficiency

Install Water-Conserving Appliances and Fixtures - They are cost effective and can greatly reduce water use. The average home, retrofitted with water-efficient fixtures, can save 30,000 gallons per year. Installing an aerator on your faucet is one of the most cost effective means to use water more wisely in your home. You can increase the faucet's efficiency by 30% without decreasing its performance. Check for EPA's WaterSense® label when purchasing new appliances and fixtures.

Fix Leaks - Check for leaky faucets and toilets. An American home can waste, on average, more than 10,000 gallons of water every year due to running toilets, dripping faucets, and other household leaks.

Don't Let Water Run - Turning off the tap while brushing teeth, shaving, and soaping hands can save gallons a day.

Fill it Up - When running the clothes washer or dishwasher, always wash full loads.

Outdoor Water Efficiency

Irrigate Properly - Install a weather-based "Smart" irrigation controller which will ensure your irrigation system only operates when it needs to. Set timers properly and install rain shut-off devices and moisture sensors, if one isn't built in, to reduce excess watering. Regularly inspect the sprinkler heads to make sure they are not malfunctioning. Adjust sprinklers so they are not spraying water on paved surfaces such as the sidewalk, driveway, or road. These steps will also save you energy.

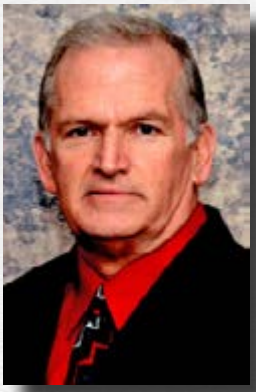
Choose Low-Maintenance Lawns - Consider using native ground cover that requires little water in place of lawn areas.

Mulch – Use mulch to prevent water loss through evaporation. It helps keep your soil moist.

Sweep vs. Hose - Sweep outdoor surfaces with a broom instead of using a hose.

Go to the Car Wash - Wash your vehicle at a car wash that recycles its water rather than doing it yourself.

HOW SCWA ENSURES THE QUALITY OF YOUR WATER



From the Director of Water Quality & Laboratory Services, Kevin P. Durk

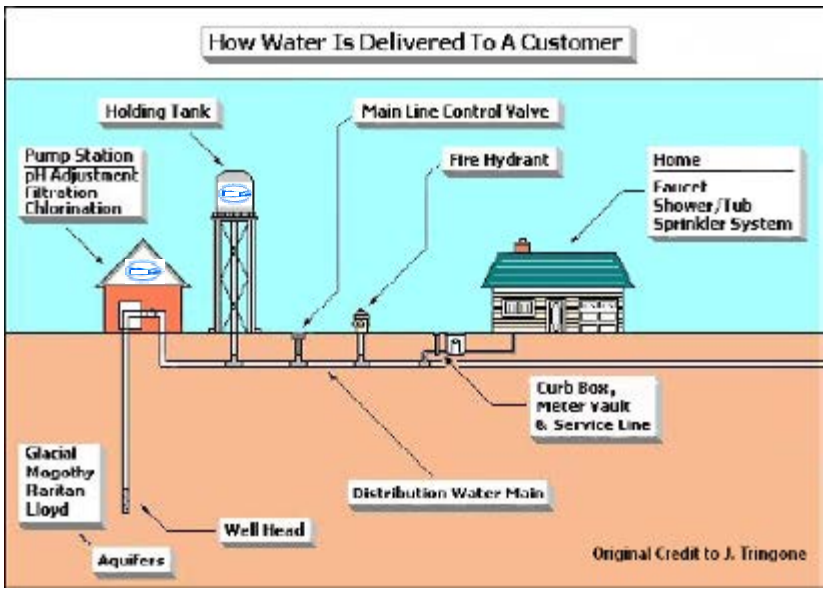
The most important information contained in this report is that the SCWA's drinking water quality continues to meet all state and federal regulations. We are committed to providing the highest quality drinking water to our customers. The SCWA laboratory is both state and federally certified, and is recognized as one of the most sophisticated water testing laboratories in the nation. Our approach to water quality testing is aggressive and comprehensive. We test our water at the wellhead, at various stages of treatment and within the distribution system for bacteria and a wide range of inorganic and organic chemicals. In fact, we test our drinking water for far more chemicals than required and at a frequency far in excess of local, state and federal regulations. In 2020, our state-of-the-art laboratory tested for 414 chemical constituents, 265 more than required by regulators, and analyzed approximately 95,000 samples that produced roughly 203,000 test results. **Because of these stringent safeguards, we can reassure all our customers that the water we deliver to them meets all drinking water standards and guidelines.**

We Would Like You To Know

Drinking water, including bottled water*, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. Water quality standards are established based upon the known health risks of the contaminants involved. In order to ensure the tap water we provide to you is safe to drink, the State and the EPA prescribe regulations that limit the amount of certain contaminants in drinking water provided in public water systems. These limits are called Maximum Contaminant Levels (MCLs). More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

*As a point of information, the State Health Department's and the Federal Food and Drug Administration's regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

This graphic illustrates how your drinking water is delivered to you. SCWA pump stations are located throughout Suffolk County. There may be only one or several wells located at each pump station. At these sites, the groundwater is pumped out of the aquifer. This water prior to treatment is usually referred to as "raw" water. In some cases, the raw water is filtered to remove contaminants. Before leaving the pump station, all raw water is treated to increase the pH and chlorinated to maintain disinfection throughout the distribution system. The distribution system connects the wells to your home or business. It consists of the water mains, fire hydrants, and storage tanks. Additional information about our water treatment can be found on page 9, and a description of our distribution system can be found on page 42.



DRINKING WATER QUALITY REPORT SUPPLEMENT

Additional information regarding your water supply is available in our Drinking Water Quality Report Supplement. This Supplement contains water quality data for our wells from samples that were collected before treatment and prior to being pumped to our customers. This Supplement is available to you by accessing our website at **www.scwa.com** and looking for "Water Quality Reports" under "Public Information".

The Supplemental Report contains raw water quality information from each of our well fields. The range of data presented shows the lowest value for a detected analyte, the highest value, the average value, and the total number of tests at each well field. These values represent an average of the individual wells at each well field.

TABLE OF UNDETECTED COMPOUNDS

In 2020 we tested our drinking water for these compounds and they were not detected.

1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-Chloropropane,Low Level
1,2-Dibromoethane (EDB),Low Level
1,2-Dichlorobenzene
1,3,5-Trimethylbenzene
1,3-Dichloropropane
1,7-Dimethylxanthine
1-Butanol
1-Naphthol
2,2-Dichloropropane
2,4,5-T
*2,4,6-Trichloroanisole
2,4,6-Trichlorophenol
2,4-D
2,4-DB
2,4-Dichlorophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chlorotoluene
2-Isobutyl-3-methoxypyrazine (IBMP)
2-Isopropyl-3-methoxypyrazine(IPMP)
2-Methoxyethanol
*2-Methylisoborneol
2-Propen-1-ol
3,5-Dichlorobenzoic Acid
3-Hydroxycarbofuran
4,4´ - DDD
4,4´ - DDE
4,4´ - DDT
4-Chlorotoluene
4-Isopropyltoluene
4-Nitrophenol
Acenaphthene
*Acetaldehyde
Acetaminophen
Acetic Acid
Acetochlor
Acifluorfen
*Actinium-227
Alachlor
Albuterol
Aldicarb
Aldrin
Alprazolam
*Americium-241
*Americium-243
Amobarbital
Anthracene
Antimony
*Antimony-124
*Antimony-125
Atenolol
Atrazine
Azobenzene
*Barium-133
Bentazon
Benz[a]anthracene
*Benzaldehyde
Benzene
Benzo[a]pyrene
Benzophenone
Benzotriazole
Beryllium
*Beryllium-7
BHC (Alpha)
BHC (Beta)
BHC (Delta)
Bisphenol A
Bromacil
Bromobenzene
Bromochloromethane
Bromodichloroacetic Acid
Bromomethane
Butabarbital
Butachlor
Butalbital
*Butanal
Butylated Hydroxyanisole(BHA)
Butylated Hydroxytoluene(BHT)
Butylbenzylphthalate
*Cadmium-109
Caffeine
Carbaryl
Carbazole
Carbofuran
Carbon Tetrachloride
*Cerium-139
*Cesium-134
*Cesium-137
Chloramben
Chlorodibromoacetic Acid
Chloroethane
Chloromethane
Chlorpyrifos
Chrysene
Cis-1,3-Dichloropropene
Cis-Permethrin
*Cobalt-57
*Cobalt-58
*Cobalt-60
Codeine
Cotinine
*Crotonaldehyde
Cyanazine
Cyanide-Free
*Cyclohexanone
Dacthal (DCPA)
Dalapon
*Decanal
Di(2-Ethylhexyl) Adipate
Di(2-Ethylhexyl) Phthalate
Diazepam
Diazinon
Dibromomethane
Dicamba
Dichlobenil
Dichlorprop
Dieldrin
Diethylphthalate
Di-Isopropyl Ether
Diltiazem
Dimethipin
Dimethylphthalate
Di-n-Butyl Phthalate
Dinoseb
Diphenhydramine
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
*Ethane
Ethofumesate
Ethoprop
Ethoprophos
*Ethylene
Ethyl-Tert-Butyl Ether
*Europium-152
*Europium-154
*Europium-155
Fluorene
Fluoxetine
*Formaldehyde
Furosemide
Germanium-72
*Glyoxal
Heptachlor
Heptachlor Epoxide
*Heptanal
Heterotrophic Plate Count (HPC)
Hexachlorobenzene
Hexachlorobutadiene
alpha-Hexachlorocyclohexane
Hexachlorocyclopentadiene
*Hexanal
Hydrocodone
*Iron-59
Isophorone
Isopropylbenzene
*Lead-210
Lindane (Gamma-BHC)
Lisinopril
Lorazepam
Malathion
*Manganese-54
Mercury
*Mercury-203
Methane
Methiocarb
Methomyl
Methoxychlor
*Methyl Glyoxal
Methylene Chloride
Methylethylketone (MEK)
Metribuzin
Molinate
Monobromoacetic Acid
Naphthalene
Napropamide
Naproxen
*N-Butylbenzene
*Niobium-94
*N-Nitrosodiethylamine
*N-Nitrosodimethylamine
*N-Nitrosodi-n-butylamine
*N-Nitrosodi-n-propylamine
*N-Nitrosodiphenylamine
*N-Nitrosomethylethylamine
*N-Nitrosomorpholine
*N-Nitrosopiperidine
*N-Nitrosopyrrolidine
*Nonanal
N-Propylbenzene
Odor
*Oxalic Acid
Oxamyl
Oxybenzone
Oxyfluorfen
Pentachlorophenol
*Pentanal
Pentobarbital
PFBS (Perfluorobutanesulfonic Acid)
PFDA (Perfluorodecfanoic Acid)
PFHpA (Perfluoroheptanoic Acid)
PFHpS (Perfluoro-1-heptanosulfonate)
PFPeS (Perfluoro-1-pentanesulfonate)
Phenanthrene
Picloram
Polychlorinated Biphenyls (PCBs)
*Potassium-40
Profenofos
Prometon
Propachlor
*Propanal
Propoxur
Quinoline
Ronstar
*Ruthenium-103
S-Ethyl dipropylthiocarbamate (EPTC)
*Scandium-46
Sec-Butylbenzene
Secobarbital
Selenium
Silver
Silvex (2,4,5-TP)
Simazine
*Sodium-22
Styrene
Tebuconazole
Tebuthiuron
Terbacil
Tert-Amyl Methyl Ether
Tert-Butyl Alcohol
Tert-Butylbenzene
Tetrahydrofuran
Thallium
*Tin-113
Toluene
Total Dissolved Solids (TDS)
o-Toluidine
Toxaphene
Trans-1,2-Dichloroethene
Trans-1,3-Dichloropropene
Trans-Permethrin
Tribromoacetic Acid
Tribufos
Triclocarban
Triclosan
Trifluralin
Trimethoprim
*Tritium
Uranium
*Uranium-235
Venlafaxine
Vinclozolin
Vinyl Chloride
Warfarin
*Yttrium-88
*Zinc-65
*Zirconium-95

*Selected monitoring at specific wellfields in distribution areas 12, 15, 20 and 23.

SCWA STATISTICS and WELL INFORMATION

How Much Water Did We Supply in 2020?

In 2020, we pumped 72.5 billion gallons of water. Of that total, 91% was used to meet the demands of our customers and 2% was used for flushing water mains, fire fighting, street cleaning and other purposes. The remaining 7% represents water loss and is attributed to main breaks, leaks and unauthorized usage.

SCWA Statistics for Calendar Year Ended December 31, 2020

Customers	389,349
Population Served	1.2 million
Miles of Main	6,025
Fire Hydrants	36,030
Water Pumped (billion gallons)	72.5
Total Wells in System	633
Active Wells in System	587
Pump Stations	240
Storage Facilities	68
Water Storage Capacity (million gallons)	65.5
Average Annual Water Rates (168,541 gallons/customer)	$542

Wells Placed in Service in 2020

In 2020, we added 3 new wells to our water system and replaced 4 wells. In addition, this table lists the 12 wells placed in service with treatment to remove the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)	Treatment Type
Town Line Rd #1A	Nesconset	PFOA/PFOS	GAC Filtration
Station Rd #1	North Bellport	PFOA/PFOS	GAC Filtration
Long Springs Rd #1A	Southampton	PFOA/PFOS	GAC Filtration
Bellmore Ave #1	Great River	PFOA/PFOS	GAC Filtration
Fairmount Ave #3	Medford	PFOA/PFOS	GAC Filtration
Jayne Blvd #2A	Terryville	VOC's	GAC Filtration
Old Country Rd #4	Westhampton	PFOA/PFOS	GAC Filtration
Morris Ave #4	Farmingville	PFOA/PFOS	GAC Filtration
Stem Lane #1	South Setauket	PFOA/PFOS	GAC Filtration
County Rd 31 #1	Westhampton	PFOA/PFOS	GAC Filtration
Herricks Lane #1	Riverhead	Aldicarb	GAC Filtration
Sy Ct #3	Lake Grove	PFOA/PFOS	GAC Filtration

Wells Taken Out of Service in 2020

In 2020, we retired 4 wells. In addition, the 4 wells listed in this table were removed from service because they had elevated levels of the contaminant(s) noted.

Well Name(s)	Location	Contaminant(s)
Locust Dr #4	Islip	Iron
Mckay Rd #1	Huntington	1,4 Dioxane
South Spur Dr #1	Commack	1,4 Dioxane
Pierson St #1	Smithtown	PFOA/PFOS

WATER TREATMENT INFORMATION

As most of our groundwater already meets all state and federal water quality standards, it generally does not receive extensive treatment. Before the water leaves the pump station, minute traces of chlorine are routinely added according to the specifications of the state health department to prevent bacterial growth that could occur in our water mains and tanks. Our bacteriological test results can be found on pages 19 and 20. Information regarding the disinfection byproducts formed from the addition of chlorine can be found on pages 21 through 24.

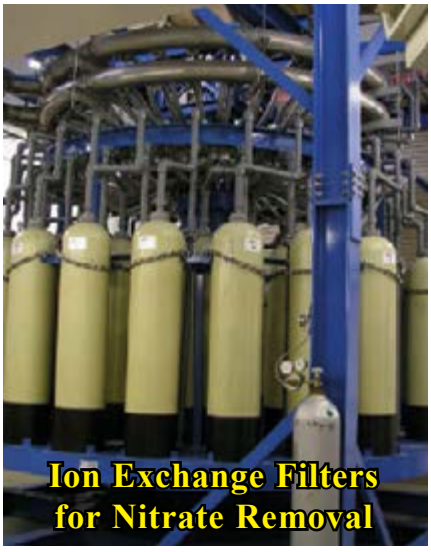
We also adjust the pH level of the water we deliver to you because the water, which we pump from the ground, is naturally acidic (pH can range from 4.5 to 6.8). To prevent corrosion of home plumbing, our water is chemically "buffered" by adding a hydrated lime product to increase the pH level. Soda ash is sometimes used instead of hydrated lime in certain portions of our system. This greatly reduces or eliminates the leaching of lead and copper from customers' interior plumbing. Our test results for lead and copper can be found on page 24.

Typical Pump Station with Elevated Storage Tank

Iron and Manganese Removal Filters

In areas where the groundwater naturally contains iron or manganese levels higher than the standard, sequestering agents such as polyphosphates may be added to control the iron and keep it in solution. We also use specialized iron and manganese removal filters, and employ strategies such as systematic flushing of water mains to reduce these naturally occurring metals. If any well exceeds the standard and does not have treatment, it is removed from service.

Approximately 30% of our wells receive treatment using granular activated carbon filtration to remove pesticides/herbicides, per- and polyfluoroalkyl substances such as PFOS/PFOA, and volatile organic compounds. Packed Tower Aeration (PTA) units also called air strippers, ion exchange, perchlorate resin filters and Advanced Oxidation Process (AOP) are also used as needed. In some cases wells are blended together at the pump station to lower the amount of contaminants, such as nitrate and 1,4-Dioxane, in the water we serve.



Ion Exchange Filters for Nitrate Removal

Granular Activated Carbon

Advanced Oxidation Process for 1,4-Dioxane Removal

EDUCATIONAL INFORMATION

Unregulated Contaminant Monitoring Rule 4 (UCMR4)

Every five years the EPA issues a regulation called the Unregulated Contaminant Monitoring Rule (UCMR), which lists 20 to 30 unregulated contaminants that must be monitored for by large public water systems. Used as a tool to find unregulated contaminants of concern in drinking water, the EPA can then determine whether to set drinking water standards or to require water providers to use certain treatment systems to reduce or eliminate these contaminants.

The UCMR4 monitoring, which started in January 2018 and will continue through 2020, contains sampling and testing requirements for 26 chemicals:

- EPA Method 200.8 Rev. 5.4, Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry: Germanium and Manganese
- EPA Method 525.3, Determination of Semi-volatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Capillary Column Gas Chromatography-Mass Spectrometry (GC-MS): alpha-Hexachlorocyclohexane, Chlorpyrifos, Dimethipin, Ethoprop, Oxyfluorfen, Profenofos, Tebuconazole, Total permethrin (cis & trans), and Tribufos
- EPA Method 530, Determination of Select Semi-volatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Gas Chromatography Mass Spectrometry (GC-MS): Butylated hydroxyanisole, o-Toluidine, and Quinoline
- EPA Method 541, Determination of 1-Butanol, 2-Methoxyethanol, and 2-Propen-1-ol in Drinking Water by Solid Phase Extraction and Gas Chromatography-Mass Spectrometry
- EPA Method 552.3, Determination of Haloacetic Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Gas Chromatography with Electron Capture Detection: Bromochloroacetic Acid, Bromodichloroacetic Acid, Chlorodibromoacetic Acid, Tribromoacetic Acid, Monobromoacetic Acid, Dibromoacetic Acid, Dichloroacetic Acid, Monochloroacetic Acid, and Trichloroacetic Acid

The UCMR4 test results for each chemical detected, or found above the reporting level, are listed in the chart found on page 11 for each distribution area tested in 2020.

EDUCATIONAL INFORMATION

UCMR4 Test Results for 2020

Detected Compound	Inorganics - Manganese			
Likely Source	Naturally Occurring			
MCL	300			
MCLG	N/A			
Unit of Measure	ug/L			
	Range of Readings			
Distribution Area	Low Value	High Value	Annual Average	No. of Tests
1	7.11	7.11	7.11	1
4	NA	NA	NA	0
5	NA	NA	NA	0
6	NA	NA	NA	0
7	NA	NA	NA	0
8	NA	NA	NA	0
9	NA	NA	NA	0
10	NA	NA	NA	0
11	2.25	2.25	2.25	1
12	ND	ND	ND	1
14	NA	NA	NA	0
15	NA	NA	NA	0
20	NA	NA	NA	0
23	0.58	0.58	0.58	1
26	NA	NA	NA	0
30	1.10	1.80	1.45	2
32	NA	NA	NA	0
34	1.07	1.07	1.07	1
35	NA	NA	NA	0
44	NA	NA	NA	0
53	NA	NA	NA	0
54	NA	NA	NA	0
57	NA	NA	NA	0
64	NA	NA	NA	0
EFWD	NA	NA	NA	0
RSWD	NA	NA	NA	0
SBWD	NA	NA	NA	0


Semi-Volatiles Testing


MBAS Testing

EDUCATIONAL INFORMATION

New York State Department of Health on Maximum Contaminant Deferrals Regarding PFOS, PFOA and 1,4-dioxane

When a public water system (PWS) is issued a deferral, the water system agrees to a schedule for corrective action and compliance with the new PFOS, PFOA or 1,4-dioxane MCLs. In exchange, the New York State Department of Health (the Department) agrees to defer enforcement actions, such as assessing fines, if the PWS is meeting established deadlines. Deferral recipients are required to update the Department and the Suffolk County Department of Health Services each calendar quarter on the status of established deadlines. The Department can resume enforcement if the agreed upon deadlines are not met. Information about our deferral and established deadline can be found at the following site: **https://www.scwa.com/emerging-contaminants/.**

What is being done to remove these contaminants?

SCWA is installing granular activated carbon treatment systems at impacted wells to remove PFOA and PFOS and advanced oxidation process systems to remove 1,4-dioxane. In the interim, SCWA will make every effort to operationally minimize the concentration of 1,4-dioxane, PFOA and PFOS in the distribution system at any given time. Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible. The deferral is effective until August 25, 2022.

Residents of the Town of Southold are advised that SCWA purchases wholesale water from the Riverhead Water District (RWD) for resale to our Southold customers and that the RWD has also been issued a deferral by the New York State Department of Health for PFOA and PFOS. SCWA's Southold customers may view information on the RWD deferral and steps the district is taking in order to comply by visiting their website at: **https://www.townofriverheadny.gov/pview.aspx?id=2492&catID=118.**

EDUCATIONAL INFORMATION

Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 1 Violation Yes/No	Distribution Area 1 Range of Readings Low Value	Distribution Area 1 Range of Readings High Value	Distribution Area 1 Range of Readings Avg. Value	Distribution Area 1 No. of Tests	Distribution Area 4 Violation Yes/No	Distribution Area 4 Range of Readings Low Value	Distribution Area 4 Range of Readings High Value	Distribution Area 4 Range of Readings Avg. Value	Distribution Area 4 No. of Tests	Distribution Area 5 Violation Yes/No	Distribution Area 5 Range of Readings Low Value	Distribution Area 5 Range of Readings High Value	Distribution Area 5 Range of Readings Avg. Value	Distribution Area 5 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	346	No	ND	ND	ND	12	No	ND	0.027	ND	12
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	346	No	ND	ND	ND	12	No	ND	ND	ND	12
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	346	No	ND	ND	ND	12	No	ND	ND	ND	12
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	346	No	ND	ND	ND	12	No	ND	ND	ND	12
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.005	ND	346	No	ND	ND	ND	12	No	ND	ND	ND	12
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.010	ND	346	No	ND	ND	ND	12	No	ND	0.002	ND	12

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 6 Violation Yes/No	Distribution Area 6 Range of Readings Low Value	Distribution Area 6 Range of Readings High Value	Distribution Area 6 Range of Readings Avg. Value	Distribution Area 6 No. of Tests	Distribution Area 7 Violation Yes/No	Distribution Area 7 Range of Readings Low Value	Distribution Area 7 Range of Readings High Value	Distribution Area 7 Range of Readings Avg. Value	Distribution Area 7 No. of Tests	Distribution Area 8 Violation Yes/No	Distribution Area 8 Range of Readings Low Value	Distribution Area 8 Range of Readings High Value	Distribution Area 8 Range of Readings Avg. Value	Distribution Area 8 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	0.033	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	10

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 9 Violation Yes/No	Distribution Area 9 Range of Readings Low Value	Distribution Area 9 Range of Readings High Value	Distribution Area 9 Range of Readings Avg. Value	Distribution Area 9 No. of Tests	Distribution Area 10 Violation Yes/No	Distribution Area 10 Range of Readings Low Value	Distribution Area 10 Range of Readings High Value	Distribution Area 10 Range of Readings Avg. Value	Distribution Area 10 No. of Tests	Distribution Area 11 Violation Yes/No	Distribution Area 11 Range of Readings Low Value	Distribution Area 11 Range of Readings High Value	Distribution Area 11 Range of Readings Avg. Value	Distribution Area 11 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	53	No	ND	ND	ND	61
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	53	No	ND	ND	ND	61
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	53	No	ND	ND	ND	61
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	53	No	ND	ND	ND	61
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.003	ND	23	No	ND	ND	ND	53	No	ND	0.004	ND	61
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	23	No	ND	0.007	ND	53	No	ND	0.004	ND	61

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12 Violation Yes/No	Distribution Area 12 Range of Readings Low Value	Distribution Area 12 Range of Readings High Value	Distribution Area 12 Range of Readings Avg. Value	Distribution Area 12 No. of Tests	Distribution Area 14 Violation Yes/No	Distribution Area 14 Range of Readings Low Value	Distribution Area 14 Range of Readings High Value	Distribution Area 14 Range of Readings Avg. Value	Distribution Area 14 No. of Tests	Distribution Area 15 Violation Yes/No	Distribution Area 15 Range of Readings Low Value	Distribution Area 15 Range of Readings High Value	Distribution Area 15 Range of Readings Avg. Value	Distribution Area 15 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	376	No	ND	ND	ND	18	No	ND	0.015	ND	263
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	376	No	ND	ND	ND	18	No	ND	0.021	ND	263
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	0.017	ND	376	No	ND	ND	ND	18	No	ND	0.029	ND	263
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	376	No	ND	ND	ND	18	No	ND	0.012	ND	263
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.012	ND	376	No	ND	ND	ND	18	No	ND	0.008	ND	263
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.024	0.002	376	No	ND	ND	ND	18	No	ND	0.017	ND	263

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 20 Violation Yes/No	Distribution Area 20 Range of Readings Low Value	Distribution Area 20 Range of Readings High Value	Distribution Area 20 Range of Readings Avg. Value	Distribution Area 20 No. of Tests	Distribution Area 23 Violation Yes/No	Distribution Area 23 Range of Readings Low Value	Distribution Area 23 Range of Readings High Value	Distribution Area 23 Range of Readings Avg. Value	Distribution Area 23 No. of Tests	Distribution Area 26 Violation Yes/No	Distribution Area 26 Range of Readings Low Value	Distribution Area 26 Range of Readings High Value	Distribution Area 26 Range of Readings Avg. Value	Distribution Area 26 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	0.250	0.017	154	No	ND	ND	ND	166	No	ND	ND	ND	32
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	154	No	ND	0.012	ND	166	No	ND	ND	ND	32
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	0.017	ND	154	No	ND	0.013	ND	166	No	ND	ND	ND	32
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	154	No	ND	ND	ND	166	No	ND	ND	ND	32
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.004	ND	154	No	ND	0.003	ND	166	No	ND	ND	ND	32
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.010	ND	154	No	ND	0.005	ND	166	No	ND	0.003	ND	32

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

EDUCATIONAL INFORMATION

Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring (Continued)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 30 Violation Yes/No	Distribution Area 30 Range of Readings Low Value	Distribution Area 30 Range of Readings High Value	Distribution Area 30 Avg. Value	Distribution Area 30 No. of Tests	Distribution Area 32 Violation Yes/No	Distribution Area 32 Range of Readings Low Value	Distribution Area 32 Range of Readings High Value	Distribution Area 32 Avg. Value	Distribution Area 32 No. of Tests	Distribution Area 34 Violation Yes/No	Distribution Area 34 Range of Readings Low Value	Distribution Area 34 Range of Readings High Value	Distribution Area 34 Avg. Value	Distribution Area 34 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	9	No	ND	ND	ND	9
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	9	No	ND	ND	ND	9
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	9	No	ND	ND	ND	9
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	145	No	ND	ND	ND	9	No	ND	ND	ND	9
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.003	ND	145	No	ND	ND	ND	9	No	ND	ND	ND	9
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.006	ND	145	No	ND	0.005	0.002	9	No	ND	ND	ND	9

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 35 Violation Yes/No	Distribution Area 35 Range of Readings Low Value	Distribution Area 35 Range of Readings High Value	Distribution Area 35 Avg. Value	Distribution Area 35 No. of Tests	Distribution Area 44 Violation Yes/No	Distribution Area 44 Range of Readings Low Value	Distribution Area 44 Range of Readings High Value	Distribution Area 44 Avg. Value	Distribution Area 44 No. of Tests	Distribution Area 53 Violation Yes/No	Distribution Area 53 Range of Readings Low Value	Distribution Area 53 Range of Readings High Value	Distribution Area 53 Avg. Value	Distribution Area 53 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	28

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 54 Violation Yes/No	Distribution Area 54 Range of Readings Low Value	Distribution Area 54 Range of Readings High Value	Distribution Area 54 Avg. Value	Distribution Area 54 No. of Tests	Distribution Area 57 Violation Yes/No	Distribution Area 57 Range of Readings Low Value	Distribution Area 57 Range of Readings High Value	Distribution Area 57 Avg. Value	Distribution Area 57 No. of Tests	Distribution Area 64 Violation Yes/No	Distribution Area 64 Range of Readings Low Value	Distribution Area 64 Range of Readings High Value	Distribution Area 64 Avg. Value	Distribution Area 64 No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	36	No	ND	ND	ND	6	No	ND	ND	ND	8

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD Violation Yes/No	Distribution Area EFWD Range of Readings Low Value	Distribution Area EFWD Range of Readings High Value	Distribution Area EFWD Avg. Value	Distribution Area EFWD No. of Tests	Distribution Area RSWD Violation Yes/No	Distribution Area RSWD Range of Readings Low Value	Distribution Area RSWD Range of Readings High Value	Distribution Area RSWD Avg. Value	Distribution Area RSWD No. of Tests	Distribution Area SBWD Violation Yes/No	Distribution Area SBWD Range of Readings Low Value	Distribution Area SBWD Range of Readings High Value	Distribution Area SBWD Avg. Value	Distribution Area SBWD No. of Tests
Synthetic Organic Compounds including Per- and Polyfluoroalkyl Substances - Analysis Performed by NYS Approved SCWA PFAAS Method																			
Perfluorobutanoic Acid	PFOA (or, PFOS) can get into drinking water through releases from fluoropolymer manufacturing or processing facilities, wastewater treatment plants and landfills	50	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoro-n-hexanoic Acid		50	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorohexane Sulfonic Acid		50	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	7	No	ND	ND	ND	2	No	ND	0.003	ND	4

* (August 26, 2020 NYS adopts an MCL of 0.010 ppb for Perfluorooctanoic Acid (PFOA) & Perfluorooctane Sulfanate (PFOS), see page 12)

PFOA / PFOS Testing

EDUCATIONAL INFORMATION

2020 Propane Test Results for Distribution Area 23*

One well in Distribution Area 23 has concentrations of propane. The propane results ranged from non-detect (ND) or no propane found to 3.80 ppb. Currently granular activated carbon (GAC) treatment is being used at this well for propane removal. Propane, normally a gas, can be compressed to a liquid, and is the main component of liquefied petroleum gas (LPG). Commonly used as a fuel, it is also used to manufacture other chemicals, as a refrigerant, solvent and aerosol propellant. At these levels, propane poses a minimal risk for health effects. The state defines propane as an unregulated organic compound and assigns an MCL of 50 ppb.

Detected Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
Propane	ppb	ND	3.80	ND	14

** Please see map on pages 42 and 43 for the location of Distribution Area 23*

2020 AOP Byproduct Test Results for Commercial Blvd - Distribution Area 12*

At one well located in Distribution Area 12 the Suffolk County Water Authority utilizes an AOP (Advanced Oxidation Process) to treat for an emerging contaminant, 1,4-Dioxane. The New York State Department of Health required the SCWA to perform additional testing for specific Aldehydes and Carboxylic Acids. These compounds are potential by-products of the treatment process and are indicators of the effectiveness of the AOP system. The table below shows any positive detects.

Detected Carboxylic Acid Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
Formic Acid	ppb	ND	38.0	13.3	4

** Please see map on pages 42 and 43 for the location of Distribution Area 12*

EDUCATIONAL INFORMATION

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (Continued)

PPCPs are a diverse collection of thousands of chemical substances, including prescription and over the counter therapeutic drugs, veterinary drugs, fragrances, cosmetics, lotions such as sunscreen and insect repellents, diagnostic agents and vitamins. PPCPs from bodily excretion, bathing, and disposal of unwanted medications to septic systems, sewers or trash have the potential to enter our drinking water. Information on how to properly dispose of unwanted pharmaceuticals can be found at *www.epa.gov/ppcp*.

The detection and quantification of these chemicals has only recently been possible due to advances in laboratory testing technology. Presently the EPA has no health standards or guidelines for PPCPs in drinking water and does not require testing. In 2020 all of our wells were tested for 41 PPCPs; Carbamazepine, Dilantin, Gemfibrozil, Ibuprofen, Meprobamate, Phenobarbital, 5-(4-Hydroxyphenyl)-5-Phenylhydantoin, Lamotrigine, Imidacloprid, Primidone, and Sulfamethoxazole were detected. The concentrations found are at levels far below medical doses, and have no known health effects.
Wherever possible, we are using granular activated carbon filtration and blending wells to remove these trace levels from the water we provide to you. Information on these pharmaceutical drugs and the results for each distribution area can be found in the tables below and on pages 16-18.

WATER QUALITY BY DISTRIBUTION AREA

					Distribution Area 1					Distribution Area 4					Distribution Area 5				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	0.12	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	0.32	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.17	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.17	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	172	No	ND	ND	ND	6	No	ND	ND	ND	6

WATER QUALITY BY DISTRIBUTION AREA

					Distribution Area 6					Distribution Area 7					Distribution Area 8				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	4	No	ND	ND	ND	5

WATER QUALITY BY DISTRIBUTION AREA

					Distribution Area 9					Distribution Area 10					Distribution Area 11				
					Range of Readings					Range of Readings					Range of Readings				
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	0.09	ND	33
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	28	No	ND	ND	ND	33

EDUCATIONAL INFORMATION

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (Continued)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12					Distribution Area 14					Distribution Area 15				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.11	ND	197	No	ND	ND	ND	12	No	ND	0.07	ND	128
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	0.08	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	0.21	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	0.12	ND	197	No	ND	ND	ND	12	No	ND	0.05	ND	128
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	0.07	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.06	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	0.13	ND	197	No	ND	ND	ND	12	No	ND	0.11	ND	128
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.40	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.07	ND	197	No	ND	ND	ND	12	No	ND	0.05	ND	128
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	197	No	ND	ND	ND	12	No	ND	ND	ND	128

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 20					Distribution Area 23					Distribution Area 26				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	0.09	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	0.11	ND	98	No	ND	ND	ND	16
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	0.07	ND	55	No	ND	ND	ND	98	No	ND	ND	ND	16

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 30					Distribution Area 32					Distribution Area 34				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	0.06	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	0.13	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.05	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	93	No	ND	ND	ND	2	No	ND	ND	ND	6

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 35					Distribution Area 44					Distribution Area 53				
					Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	Range of Readings High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	9	No	ND	ND	ND	3	No	ND	ND	ND	15

EDUCATIONAL INFORMATION

Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (Continued)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 54					Distribution Area 57					Distribution Area 64				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	0.06	ND	6
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	17	No	ND	ND	ND	4	No	ND	ND	ND	6

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Synthetic Organic Compounds including Pesticides and Pharmaceuticals																			
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
5-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Ibuprofen	Anti-inflammatory drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Imidacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Lamotrigine	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	3	No	ND	ND	ND	1	No	ND	ND	ND	2

Safe Disposal of Pharmaceuticals

Pharmaceutical contamination of drinking water is an important emerging concern. Changing our practices today can prevent future pollution of our only source of drinking water. Become a part of the solution to help stop the threat of discarded pharmaceuticals finding their way into our groundwater, bays and estuaries. Simply take your unused medications to any of the safe disposal locations on Long Island: Walgreens and CVS have safe drop boxes and accept medical disposals at specific locations across Long Island. Also, most police precincts in Suffolk County will accept prescription drugs for disposal. A list can be found here:

https://www.health.ny.gov/professionals/narcotic/medication_drop_boxes/suffolk.htm

EDUCATIONAL INFORMATION

Microbiological Testing and Monitoring Requirements

To reduce the risk of illness caused by microbial contamination the SCWA tests for total coliform bacteria, including *E. coli.* Total coliform bacteria are a conservative indicator of the potential for contamination from waste and provides a basis for investigation to determine and correct sanitary deficiencies. *E. coli* is a coliform bacteria that indicates fecal contamination and an immediate concern requiring prompt investigation. The Total Coliform Rule (TCR) and Ground Water Rule (GWR) are EPA regulations that require us to test our distribution system for total coliform bacteria. When there is a total coliform-positive result found in a distribution system sample, we are then required to test our wells in the surrounding area. This is called Triggered Source Water Monitoring. In 2020, all Triggered Source Water monitoring samples were total coliform-negative (no coliforms, including *E. coli* were found).

Revised Total Coliform Rule (RTCR) and Groundwater Rule (GWR) Monitoring

On April 1, 2016, the EPA revised its existing Total Coliform Rule. The revised rule (RTCR) establishes a maximum contaminant level (MCL) for *E. coli* and uses *E. coli* and total coliforms to initiate a "find and fix" approach to address fecal contamination that could enter the distribution system. It requires public water systems (PWSs) to perform assessments to identify sanitary defects and subsequently take action to correct them. In 2020, we collected an average of 951 total coliform samples each month, including samples from East Farmingdale, Riverside, Dering Harbor and Stony Brook Water Districts. The number of samples required is based on the population in each distribution area. Large distribution areas (greater than 40 total coliform samples collected monthly), shown in Table I below, must report the highest percentage of positive samples collected in any one month. Small distribution areas (40 or less total coliform samples collected monthly), shown in Table II below, must report the highest number of positive samples.

Revised Total Coliform Rule Level 1 & Level 2 Assessment Definitions

In 2020 we found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct an assessment (s) to identify problems and to correct any problems that were found during these assessments.

- **Level 1 Assessment:** A Level 1 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.
- **Level 2 Assessment:** A Level 2 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

2020 Microbiological Test Results for Distribution

TABLE I – Microbiological Test Results
for Large Water Distribution Areas

Compound	Violation	MCL	MCLG	Unit Measure	Likely Source
Total Coliform Bacteria	Yes/No	Presence of Coliform in 5% of Monthly Samples	0	n/a	Naturally Present in the Environment
Distribution Area		**Highest Monthly Percentage Positive**	**Lowest Monthly Percentage Positive**	**Average Monthly Percentage Positive**	**No. of Tests for the Year**
12 20	No No	0.6% 1.0%	0% 0%	0.1% 0.1%	1958 1157

Distribution Areas 1, 15, and 23 had no detections of total coliform in 2020.

TABLE II – Microbiological Test Results
for Small Water Distribution Areas

Compound	Violation	MCL	MCLG	Unit Measure	Likely Source
Total Coliform Bacteria	Yes/No	Two or More Positive Samples	0	n/a	Naturally Present in the Environment
Distribution Area		**Highest Monthly Amount Positive**	**Lowest Monthly Amount Positive**	**Average Monthly Amount Positive**	**No. of Tests for the Year**
6	No	1	0	0.1	485

Distribution Areas 4, 5, 7, 8, 9, 10, 11, 14, 26, 30, 32, 34, 35, 44, 53, 54, 57, 64, Stony Brook, Riverside, and East Farmingdale Water Districts had no detections of total coliform in 2020.

EDUCATIONAL INFORMATION

Well Monitoring for Total Coliform

All SCWA wells prior to chlorination (source water monitoring) and the chlorinated water leaving the pump stations are tested quarterly for total coliform bacteria as required. As part of the GWR, EPA also requires reporting *E. coli* when found in source water monitoring. In 2020, all source water monitoring samples were *E. coli*-negative (no *E. coli* was found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including *E. coli* were found), and no sanitary deficiencies were found. In 2020, all samples collected after chlorination were total coliform-negative (no coliforms, including *E. coli* were found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including *E. coli* were found), and no sanitary deficiencies were found.

2020 Microbiological Test Results for Wells and Heterotrophic Plate Count (HPC)

Well Location	Collection Point at Pump Station	Test Results
Distribution Area 1*	Raw (prior to chlorination)	Total coliform-positive, *E. coli*-positive
Distribution Area 30*	Raw (prior to chlorination)	Total coliform-positive, *E. coli*-positive
Distribution Area 15*	Treated (after chlorination)	Total coliform-positive, *E. coli*-negative
Distribution Area 23*	Treated (after chlorination)	Total coliform-positive, *E. coli*-negative
Distribution Area 30*	Treated (after chlorination)	Total coliform-positive, *E. coli*-negative

*Please see map on pages 42 and 43 for the distribution area location.

SCWA's lab also tests every filtration system and water storage tank for total coliform and performs Heterotrophic Plate Count (HPC) measurements. Since most bacteria, including many of the bacteria associated with drinking water systems, are heterotrophs, this test can provide useful information about water quality. In 2020, the HPC results for our storage tanks were negative (no heterotrophs were found). The HPC results for our filter systems can be found in the 2020 Drinking Water Quality Report Supplement. Please see page 6 for more information on this report.


Heterotrophic Plate Count


E-coli Testing

EDUCATIONAL INFORMATION

Disinfection Byproducts Rule (Stage 2 DBPR) Monitoring

The SCWA is required to use a disinfectant to reduce the potential of microbial contamination. Minute amounts of chlorine are used to prevent bacterial growth in our distribution system. Disinfectants, such as chlorine, can react with the naturally occurring components in water to form byproducts referred to as disinfection byproducts (DBPs). DBPs, if consumed in excess of the MCL over many years, may lead to increased health risks. To increase public health protection by reducing the potential risk of adverse health effects associated with DBPs from the required chlorination of our drinking water, the SCWA tests for two types of DBPs - Trihalomethanes (THMs) and Haloacetic Acids (HAAs). The MCL is 80 ppb for the sum of the four THMs, and for the sum of five HAAs the MCL is 60 ppb.

The Stage 2 Disinfectant and Disinfection Byproducts Rule (DBPR) is an EPA regulation that requires us to monitor our distribution system quarterly for four THMs (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) and five HAAs (monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid). The chart below includes the range of quarterly results for the sum of the two groups of DBPs and the highest Locational Running Annual Average as required. The SCWA also monitors the wells and storage tanks for various other DBPs, including chlorate and four additional HAAs. The 2020 disinfectant and disinfection byproducts results for each distribution area are noted on pages 21-24.

2020 Stage 2 DBPR Test Results

Detected Compound		Total Trihalomethanes				Total Haloacetic Acids			
Likely Source		Byproduct of chlorination				Byproduct of chlorination			
MCL		80				60			
MCLG		N/A				N/A			
Unit of Measure		ug/L				ug/L			
		Range of Readings				Range of Readings			
Location	Sample Site	Low Value	High Value	Annual Average	No. of Tests	Low Value	High Value	Annual Average	No. of Tests
SCWA	1	2.00	6.30	3.97	4	ND	ND	ND	4
	2	4.13	10.20	6.84	4	ND	0.58	ND	4
	3	ND	0.31	ND	4	ND	ND	ND	4
	4	10.79	37.30	23.20	4	0.49	3.32	2.01	4
	5	12.75	18.13	14.59	4	1.67	3.06	2.41	4
	6	3.13	8.53	5.88	4	ND	0.91	0.57	4
	7	2.43	5.07	3.97	4	0.52	1.15	0.76	4
	8	1.43	8.87	5.55	4	ND	0.90	0.65	4
FHWD	1	2.50	4.20	3.54	4	1.04	3.45	2.25	4
	2	2.61	3.91	3.38	4	2.18	4.03	2.99	4
EFWD	1	0.29	1.71	0.97	4	ND	ND	ND	4
	2	1.68	3.14	2.26	4	ND	ND	ND	4
SBWD	1	ND	ND	ND	4	ND	ND	ND	4
	2	0.36	1.62	0.76	4	ND	ND	ND	4
RSWD	1	0.77	1.70	1.21	4	ND	ND	ND	4
	2	1.28	4.34	2.61	4	ND	ND	ND	4

EDUCATIONAL INFORMATION

Disinfectants and Disinfection Byproducts

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 1 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 4 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 5 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	0.88	ND	27	No	NA	NA	NA	0	No	ND	1.83	ND	4
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.54	ND	383	No	ND	0.92	0.29	9	No	ND	2.40	ND	62
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.93	ND	383	No	ND	ND	ND	9	No	ND	1.15	ND	62
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.73	0.11	293	No	0.07	0.15	0.10	9	No	0.02	0.13	0.06	10
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.86	0.28	383	No	ND	2.37	0.50	9	No	ND	1.41	ND	62
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.48	ND	27	No	NA	NA	NA	0	No	ND	0.85	ND	4
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	2.89	ND	383	No	ND	0.45	ND	9	No	ND	2.42	ND	62
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.55	ND	27	No	NA	NA	NA	0	No	ND	3.01	1.20	4
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.05	1.70	0.98	3059	No	0.72	1.40	1.04	43	No	0.29	1.34	0.78	119
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	27	No	NA	NA	NA	0	No	ND	ND	ND	4
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.50	ND	27	No	NA	NA	NA	0	No	ND	1.02	0.41	4

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 6 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 7 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 8 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	0.99	ND	6	No	ND	ND	ND	3	No	NA	NA	NA	0
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.41	ND	215	No	ND	0.64	ND	12	No	ND	ND	ND	10
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.93	ND	215	No	ND	0.96	ND	12	No	ND	ND	ND	10
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.14	0.07	52	No	0.05	0.11	0.08	4	No	0.03	0.09	0.05	8
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.11	ND	215	No	ND	1.48	0.31	12	No	ND	0.26	ND	10
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.58	ND	6	No	ND	ND	ND	3	No	NA	NA	NA	0
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	2.75	ND	215	No	ND	0.81	ND	12	No	ND	ND	ND	10
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	3	No	NA	NA	NA	0
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.29	1.53	0.99	609	No	0.37	1.35	0.89	152	No	0.28	1.32	1.04	64
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	3	No	NA	NA	NA	0
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	3	No	NA	NA	NA	0

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 9 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 10 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 11 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	10	No	ND	ND	ND	4
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.33	ND	60	No	ND	0.30	ND	135	No	ND	0.67	ND	182
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	ND	ND	60	No	ND	0.27	ND	135	No	ND	1.21	ND	182
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.03	0.21	0.10	22	No	ND	0.13	0.08	41	No	ND	0.23	0.08	47
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	1.76	0.43	60	No	ND	0.75	ND	135	No	ND	0.87	ND	182
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	10	No	ND	0.43	ND	4
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.30	ND	60	No	ND	0.42	ND	135	No	ND	0.79	ND	182
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	10	No	ND	ND	ND	4
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.33	1.50	0.93	274	No	0.31	1.88	0.89	614	No	0.41	1.58	1.02	457
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	10	No	ND	ND	ND	4
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	1	No	ND	ND	ND	10	No	ND	ND	ND	4

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 14 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 15 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	2.85	ND	42	No	ND	ND	ND	3	No	ND	ND	ND	11
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	10.90	ND	568	No	ND	4.78	0.54	22	No	ND	1.66	ND	378
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	6.40	ND	568	No	ND	0.47	ND	22	No	ND	0.91	ND	378
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.62	0.11	319	No	0.03	0.17	0.08	16	No	ND	0.56	0.14	234
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	9.80	0.45	568	No	ND	8.06	0.84	22	No	ND	3.74	0.49	378
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.35	ND	42	No	ND	ND	ND	3	No	ND	ND	ND	11
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	10.20	ND	568	No	ND	2.65	0.36	22	No	ND	1.34	ND	378
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	4.18	ND	42	No	ND	2.97	1.39	3	No	ND	1.61	ND	11
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.27	1.90	0.97	2637	No	0.21	1.50	0.90	266	No	0.24	1.79	0.95	1909
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.43	ND	42	No	ND	ND	ND	3	No	ND	ND	ND	11
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.05	ND	42	No	ND	0.52	ND	3	No	ND	1.20	ND	11

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

EDUCATIONAL INFORMATION

Disinfectants and Disinfection Byproducts (Continued)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 20 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 23 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 26 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	1.33	ND	15	No	ND	ND	ND	10	No	ND	ND	ND	4
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	5.15	0.35	148	No	ND	2.51	ND	205	No	ND	3.67	0.47	53
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.12	ND	148	No	ND	2.27	ND	205	No	ND	6.17	0.53	53
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.03	0.21	0.09	92	No	ND	0.57	0.13	142	No	0.05	0.24	0.15	32
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	5.07	0.95	148	No	ND	9.28	1.32	205	No	ND	3.77	0.96	53
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.08	0.43	15	No	ND	0.64	ND	10	No	ND	0.91	0.57	4
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	7.67	0.34	148	No	ND	2.75	ND	205	No	ND	6.03	0.66	53
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.75	ND	15	No	ND	ND	ND	10	No	ND	ND	ND	4
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.26	1.66	0.91	1362	No	0.27	1.75	0.89	1184	No	0.32	1.29	0.87	244
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	15	No	ND	ND	ND	10	No	ND	ND	ND	4
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.80	ND	15	No	ND	ND	ND	10	No	ND	ND	ND	4

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 30 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 32 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 34 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	2.88	0.91	10	No	NA	NA	NA	0	No	NA	NA	NA	0
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	4.79	0.26	203	No	ND	ND	ND	6	No	ND	1.16	0.31	10
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.52	0.25	203	No	ND	ND	ND	6	No	ND	0.26	ND	10
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.53	0.13	120	No	0.12	0.15	0.13	5	No	0.05	0.14	0.09	9
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	4.02	0.53	203	No	ND	ND	ND	6	No	1.25	3.21	2.56	10
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	2.14	1.09	10	No	NA	NA	NA	0	No	NA	NA	NA	0
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	6.66	0.34	203	No	ND	0.26	ND	6	No	ND	0.90	0.27	10
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	2.44	ND	10	No	NA	NA	NA	0	No	NA	NA	NA	0
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.06	2.20	0.91	718	No	0.39	1.40	0.86	63	No	0.50	1.43	0.97	105
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	10	No	NA	NA	NA	0	No	NA	NA	NA	0
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	1.44	ND	10	No	NA	NA	NA	0	No	NA	NA	NA	0

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 35 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 44 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 53 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	ND	ND	8
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.33	ND	38	No	ND	1.35	0.30	10	No	ND	1.61	0.54	31
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.58	ND	38	No	ND	0.63	ND	10	No	ND	ND	ND	31
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.06	0.39	0.16	10	No	0.06	0.22	0.14	6	No	ND	0.98	0.12	32
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	4.68	0.52	38	No	0.37	2.12	1.75	10	No	ND	5.11	1.05	31
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	ND	ND	8
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.73	ND	38	No	ND	1.50	0.33	10	No	ND	0.69	ND	31
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	1.89	1.30	8
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.49	1.55	1.00	70	No	0.45	1.39	0.93	58	No	0.41	1.49	0.95	87
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	ND	ND	8
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	NA	NA	NA	0	No	NA	NA	NA	0	No	0.96	2.14	1.47	8

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 54 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 57 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 64 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	4	No	NA	NA	NA	0	No	ND	1.33	1.01	3
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	1.50	0.40	37	No	ND	2.89	0.38	18	No	ND	4.16	0.82	16
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.47	ND	37	No	ND	2.93	0.33	18	No	ND	7.97	1.41	16
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.99	0.15	65	No	0.05	0.25	0.14	6	No	0.14	0.33	0.20	9
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	7.55	1.33	37	No	0.28	4.06	2.45	18	No	0.67	4.17	2.30	16
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.43	ND	4	No	NA	NA	NA	0	No	ND	2.19	1.25	3
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.76	ND	37	No	ND	4.36	0.47	18	No	ND	9.30	1.62	16
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	3.05	1.99	4	No	NA	NA	NA	0	No	ND	ND	ND	3
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.45	1.50	0.91	146	No	0.27	1.27	0.78	56	No	0.70	1.70	1.20	27
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	4	No	NA	NA	NA	0	No	ND	1.45	ND	3
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	4.60	2.51	4	No	NA	NA	NA	0	No	ND	0.73	ND	3

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

EDUCATIONAL INFORMATION

Disinfectants and Disinfection Byproducts (Continued)

WATER QUALITY BY DISTRIBUTION AREA

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Disinfectant and Disinfection Byproducts (MCL is the sum of the four starred compounds shown below)**																			
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	8	No	ND	ND	ND	8
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	5.22	0.70	19	No	ND	1.15	0.48	10	No	ND	0.63	0.25	12
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.91	0.32	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	0.02	0.11	0.07	14	No	0.05	0.14	0.08	10	No	0.03	0.12	0.07	12
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	No	ND	11.80	1.18	19	No	0.77	2.50	1.21	10	No	ND	0.81	0.35	12
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	8	No	ND	ND	ND	8
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	3.71	0.52	19	No	ND	0.69	0.34	10	No	ND	0.51	ND	12
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	8	No	ND	ND	ND	8
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.31	1.45	0.99	162	No	0.31	1.23	0.77	54	No	0.20	1.40	0.84	105
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	8	No	ND	ND	ND	8
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	8	No	ND	ND	ND	8

(*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

Lead

Elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. SCWA is responsible for providing high quality drinking water, but is not responsible for the variety of materials used in a homeowner's plumbing. If you haven't run your water for several hours, you can minimize the potential for lead exposure by running your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. To schedule a lead test, please contact our Customer Service Center (contact information listed on back page). Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at *www.epa.gov/safewater/lead*.

Lead and Copper Rule (LCR) Monitoring

This EPA regulation requires public water systems to monitor drinking water at specific customers' taps every three years. To check the effectiveness of our pH treatment and to ensure the quality of our drinking water the SCWA performs this testing every year. If lead levels exceed 15 parts per billion (ppb) or copper levels exceed 1.3 parts per million (ppm) in more than 10% of these samples, we must improve our corrosion control (pH treatment). After much consideration, the Suffolk County Water Authority decided against testing homes and businesses for lead and copper in 2020 as a safety precaution due to the COVID-19 pandemic. Based on our 2019 LCR results, we have optimal corrosion control in addition to the constant testing performed at the well field, to ensure that the drinking water meets or surpasses rigorous state and federal regulations. We will resume our annual lead and copper monitoring program in 2021. Additional information on our pH treatment can be found on page 9.

Asbestos Monitoring

Asbestos-cement water mains are made from cement with asbestos fibers added to make the pipes strong. Although drinking water can pass through these pipes without becoming contaminated with asbestos fibers, asbestos fibers may be released through the wear or breakdown of these mains; errosion of natural deposits. The EPA has set the maximum contaminant level (MCL) for asbestos at 7.0 million fibers per liter (MFL). Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps. Although testing is required every nine years, the SCWA tests every year.

In 2020 we monitored 44 sampling station locations and 6 production wells where asbestos-cement pipes exist. All locations were non-detect (no asbestos fibers were present), except a sample station located on Cedar Point Drive, West Islip. July 21, 2020 a sample collected here had 26.62 MFL and a subsequent sample had a detection of 6.58 MFL averaging 16.6 MFL, exceeding the NYS drinking water standard of 7 MFL. Additional quarterly samples collected after this occurrence have been below the MCL. The SCWA notified the impacted area, which included 107 homes in West Islip on Duck Lane, Clearwater Lane, Dolphin Lane, Buoy Lane, Mast Lane and Cedar Point Drive. The sampling results are likely the result of the disturbance of asbestos fibers from asbestos cement lined water main caused by the recent installation of the Cedar Point Drive sampling station.

EDUCATIONAL INFORMATION

Iron and Manganese

Iron is a common metal and a dietary mineral that is essential for maintaining human health. It is used in construction materials, in drinking water pipes, in paint pigments and plastics, and as a treatment for iron deficiency in humans. Iron can be elevated in drinking water in areas where there are high concentrations of iron in soil and rocks, and where iron salts are used in the water treatment process. Iron can also get into drinking water from corrosion of cast iron, steel, and galvanized iron pipes used for water distribution. Elevated levels of iron in water can result in a rusty color and sediment, a metallic taste, and reddish or orange staining.

Although iron is essential for good health, too much iron can cause adverse health effects. For example, oral exposure to very large amounts of iron can cause effects on the stomach and intestines (nausea, vomiting, diarrhea, constipation and stomach pain). These effects occur at iron exposure levels higher than those typically found in drinking water, and usually diminish once the elevated iron exposure is stopped. A small percentage of people have a condition called hemochromatosis, in which the body absorbs and stores too much iron. People with hemochromatosis may be at greater risk for health effects resulting from too much iron in the body (sometimes called "iron overload") and should be aware of their overall iron intake. The New York State standard for iron in drinking water is 0.3 milligrams per liter, and is based on the effects of iron on the taste, odor and appearance of the water.

Manganese is a common element in rocks, soil, water, plants, and animals. Manganese occurs naturally in water after dissolving from rocks and soil. It may also occur if manganese gets into surface or groundwater after improper waste disposal in landfills or by facilities using manganese in the production of steel or other products.

Manganese is an essential nutrient that is necessary to maintain good health. However, exposure to too much manganese can cause adverse health effects. There is some evidence from human studies that long-term exposure to manganese in drinking water is associated with nervous system effects in adults (e.g., weakness, stiff muscles and trembling of the hands) and children (learning and behavior). The results of these studies only suggest an effect because the possible influences of other factors were not adequately assessed. There is supporting evidence that manganese causes nervous system effects in humans from occupational studies of workers exposed to high levels of manganese in air, but the relevance of these studies to long term drinking water exposure is less clear because the exposures were quite elevated and by inhalation, not by ingestion.

Radionuclides and Radiological Monitoring

Gross Alpha and Gross Beta

Most drinking water sources have very low levels of naturally occurring radioactive elements called radionuclides. These levels are low enough not to be considered a public health concern. Radionuclides can be present in several forms called isotopes which emit different types of radioactive particles called alpha or beta. Radioactivity in water is measured in picoCuries per liter (pCi/L). The EPA has set the maximum contaminant level (MCL), the highest level allowed in drinking water, for gross alpha (all alpha emitters except uranium and radon) at 15 pCi/L. NYS considers 50 pCi/L of gross beta activity to be the level of concern for gross beta. The gross alpha and gross beta results for each distribution area are noted on page 26.

Tritium

Some radionuclides emit gamma (also called photon) radiation. Common byproducts from nuclear reactors and waste, such as cesium-137, emit gamma radiation (also called photon emitters). Due to differences in energy levels, the MCL in pCi/L for a particular photon emitter will depend on the type of radionuclide present. Tritium, a radioactive isotope of the element hydrogen, is a weak beta emitter. It occurs naturally in the environment in very low concentrations, and may also be produced during nuclear weapon explosions and as a byproduct from nuclear reactors. The EPA has set a 20,000 pCi/L MCL for tritium. In 2020 we monitored 30 wells near Brookhaven National Laboratory for gross alpha and beta particles, tritium, and gamma radiation. These wells are located in distribution areas 12 and 20. The gross alpha and gross beta results for these areas are listed in the chart on page 26. There were no detections of tritium or gamma radiation in the 98 samples tested.

Radium-226 and Radium-228

Radium, a naturally radioactive metal, occurs at very low levels in virtually all rock, soil, water, plants, and animals. Radium-226 and radium-228 are isotopes of radium. The EPA has set a combined MCL of 5 pCi/L for radium-226 and radium-228. If radium-226 is not tested, the gross alpha measurement is substituted for radium-226 to determine compliance with the MCL. Some people who drink water containing radium-226 or radium-228 in excess of the MCL over many years may have an increased risk of cancer.

From October 2007 through 2009, we monitored a well in each aquifer at all our well fields for gross alpha, gross beta and radium-228 as required, and presented the results for each year in our Drinking Water Quality Reports. Since that time, quarterly monitoring at new well fields or at new wells placed at a well field where the aquifer had not been monitored previously and continuing monitoring on existing wells as required has been performed. The results for each distribution area are noted in the chart on page 26.

EDUCATIONAL INFORMATION

Radon

Radon, a naturally occurring radioactive gas found in soil and outdoor air, may also be found in drinking water and indoor air. Some people exposed to elevated radon levels from sources including drinking water may, over many years, have an increased risk of developing cancer. The main risk from radon is lung cancer entering indoor air from soil under homes. For further information, call the state radon program at (800) 458-1158 or call the EPA's Radon Hotline at (800) SOS-Radon.

In 2020 we monitored for radon at 79 locations throughout our distribution system. The results for each distribution area are noted in the chart below. The test results ranged from ND to 224.5 pCi/L of radon. Currently there is no MCL for radon. The EPA is proposing to require water suppliers to provide water with levels no higher than 4,000 pCi/L of radon.

2020 Radiological Test Results (All Distribution Areas)

Detected Compound	GROSS ALPHA				GROSS BETA				RADON-222				RADIUM-226				RADIUM-228			
Likely Source	Erosion of Natural Deposits				Natural deposits, man-made emissions				Naturally occurring radioactive gas				Erosion of Natural Deposits				Erosion of Natural Deposits			
MCL	15				50				N/A				5				5			
MCLG	0				0				0				0				0			
Unit of Measure	pCi/L				pCi/L				pCi/L				pCi/L				pCi/L			
	Range of Readings				Range of Readings				Range of Readings				Range of Readings				Range of Readings			
Distribution Area	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests	Low Value	High Value	Average Value	No. of Tests
1	ND	ND	ND	28	ND	2.67	ND	28	ND	113	ND	10	ND	1.00	ND	18	ND	ND	ND	18
4	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
5	ND	ND	ND	1	ND	ND	ND	1	169	169	169	1	ND	ND	ND	1	ND	ND	ND	1
6	ND	ND	ND	4	ND	ND	ND	4	ND	232	141	2	ND	ND	ND	2	ND	ND	ND	2
7	ND	ND	ND	1	3.89	3.89	3.89	1	153	153	153	1	ND	ND	ND	1	1.35	1.35	1.35	1
8	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
9	ND	ND	ND	3	ND	ND	ND	3	ND	225	108	2	NA	NA	NA	0	NA	NA	NA	0
10	ND	ND	ND	3	ND	2.32	ND	3	ND	ND	ND	2	ND	ND	ND	1	ND	ND	ND	1
11	ND	2.63	1.69	10	ND	4.68	2.79	10	ND	ND	ND	2	ND	2.34	1.06	8	ND	1.76	1.24	8
12	ND	ND	ND	52	ND	3.33	ND	52	ND	175	ND	13	ND	ND	ND	18	ND	ND	ND	18
14	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	2	NA	NA	NA	0	NA	NA	NA	0
15	ND	ND	ND	13	ND	2.01	ND	13	ND	210	ND	6	ND	ND	ND	7	ND	ND	ND	7
20	ND	ND	ND	38	ND	4.59	ND	38	ND	ND	ND	6	ND	ND	ND	4	ND	ND	ND	4
23	ND	ND	ND	13	ND	ND	ND	13	ND	180	ND	5	ND	ND	ND	8	ND	ND	ND	8
26	ND	ND	ND	8	ND	ND	ND	8	ND	120	ND	3	ND	ND	ND	5	ND	ND	ND	5
30	ND	ND	ND	11	ND	3.82	ND	11	ND	ND	ND	3	ND	ND	ND	9	ND	ND	ND	9
32	ND	ND	ND	2	ND	3.33	2.17	2	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
34	ND	ND	ND	2	ND	ND	ND	2	137	137	137	1	NA	NA	NA	0	NA	NA	NA	0
35	ND	ND	ND	1	ND	ND	ND	1	137	137	137	1	NA	NA	NA	0	NA	NA	NA	0
44	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
53	ND	ND	ND	5	ND	3.61	2.15	5	ND	ND	ND	4	NA	NA	NA	0	NA	NA	NA	0
54	ND	ND	ND	8	ND	4.01	ND	8	ND	ND	ND	5	ND	ND	ND	3	ND	ND	ND	3
57	ND	ND	ND	1	ND	ND	ND	1	198	198	198	1	NA	NA	NA	0	NA	NA	NA	0
64	ND	ND	ND	1	ND	ND	ND	1	174	174	174	1	NA	NA	NA	0	NA	NA	NA	0
EFWD	ND	ND	ND	2	ND	ND	ND	2	108	136	122	2	NA	NA	NA	0	NA	NA	NA	0
RSWD	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
SBWD	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	2	NA	NA	NA	0	NA	NA	NA	0

EDUCATIONAL INFORMATION

Nitrate

Nitrate naturally occurs in a number of foods, particularly vegetables. It is also used as preservatives in meats such as bacon. Nitrate is also used to make lawn, garden and agricultural fertilizers and is found in sewage and wastes from farm animals. It generally gets into drinking water by runoff into surface water or by leaching into groundwater after application or after improper sewage or animal waste disposal. Infants are particularly sensitive to nitrate. High levels of nitrate in drinking water have caused serious illness and sometimes death in infants under 6 months of age. The serious illness occurs because nitrate is converted to nitrite in the body and nitrite reduces the ability of the infant's blood to carry oxygen. Symptoms of the illness can develop rapidly and include shortness of breath and blueness of the skin (blue baby condition). Exposure to nitrate in drinking water at levels above 10 milligrams per liter (10 mg/L) increases the risk of developing the illness. Because the effects of nitrate and nitrite are additive, water containing more than 10 mg/L of total nitrate/nitrite should not be used to prepare infant formula or other beverages for infants. To ensure the quality of our drinking water, we monitor more frequently than required. The 2020 nitrate results for each distribution area are noted on pages 44 - 53.

Go Green: Sign Up for e-Billing Today!

Even when you're paying bills, you can be helping the environment. The Suffolk County Water Authority now offers e-Billing, a quick, easy and environmentally-friendly way to pay your water bill.

With e-Billing, you can manage various aspects of your water account without leaving a paper trail. You can receive your bill electronically; set up automated payments from your checking or savings account; make a one-time payment; and view your current and past bills online.

For more information or to sign up, go to **www.scwa.com**.

SPECIAL INFORMATION FOR IMMUNO-COMPROMISED INDIVIDUALS

Some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbiological contaminants are available from the EPA's Safe Drinking Water Hotline at (800) 426-4791. Individuals who think they may have cryptosporidiosis or giardiasis should contact their health care providers immediately. New York State law requires water suppliers to notify their customers about the risks of cryptosporidiosis and giardiasis. Cryptosporidiosis and giardiasis are intestinal illnesses caused by microscopic parasites found in surface water and groundwater under the influence of surface water. There have been no known outbreaks of cryptosporidiosis or giardiasis linked to any public water supplies in Suffolk County. For more information on cryptosporidiosis and giardiasis, please contact the Suffolk County Department of Health Services at (631) 852-5810.

WHAT'S NEW AT SCWA

The Suffolk County Water Authority and New York State Assemblyman Fred W. Thiele Jr. helped expedite a water main project at the Bridgehampton School in November 2020, helping to get students back in class earlier than expected.

A new building at the school campus, in the works for the past three years, needed a water main as quickly as possible. Students had already been learning remotely for longer than expected due to the COVID-19 pandemic-related construction delays. Bridgehampton School superintendent Robert Hauser sought help from Assemblyman Thiele to see if anything could be done to speed up the project so the new building could be opened, and students welcomed back.

Thiele called SCWA Chief Executive Officer Jeffrey W. Szabo, explained the situation, and SCWA agreed to get the project on its calendar within two weeks of the call.

"Our students have been working hard to stay connected to learning while working remotely for many weeks and our emphasis has been to get them back here as soon as we can," said Hauser. "The district appreciates the efforts Mr. Thiele and Mr. Szabo made to help expedite this project. Mr. Szabo kept the lines of communication open and got us on their schedule within 14 days, which is very reasonable. We are eager to move forward with the next phase of our reopening plan."

SCWA contractors began digging November 16, 2020 to install a new water main under Montauk Highway to connect to the new 30,000-square foot school building, which includes a full gym and cafeteria and will supplement the existing building. The new building will also allow the district to remove temporary classrooms that have been used since 1968.

The new building had been expected to open in September 2020, but Hauser said construction work was halted last Spring because of state-ordered restrictions at the height of the pandemic. Thiele and SCWA's assistance will allow the district to open the new building on Monday, November 30, 2020.

"This school expansion project is incredibly important to the community, especially in this time of COVID," said Thiele. "And the rapid response of the Suffolk County Water Authority was much appreciated."
"Helping Bridgehampton reopen classes is good for the community and we're happy to be a part of it," said Szabo. Bridgehampton is one of only three districts in Suffolk where K-12 students learn together in a single complex. The others are Greenport and Shelter Island.

We know you have a lot of things to worry about.

Your drinking water is not one of them.

Your Suffolk County Water Authority drinking water is held to quality standards more rigorous than tough state and federal regulations. The water coming from your tap is tested more frequently and for approximately 250 more chemicals than required. Nobody tests more. And the quality of your water is just as good now as it was before the COVID-19 pandemic; health officials have said COVID-19 is transmitted through person-to-person contact, not through water.

All this is possible because of an incredibly dedicated SCWA team, many of whom are your friends and neighbors. They've come together during this crisis with a spirit of creativity, resilience and determination to make sure your drinking water continues to be one thing you can always count on.

We're extremely proud of what they've accomplished.

We hope you are, too.

Patrick G. Halpin,
Chairman

Jeffrey W. Szabo,
Chief Executive Officer

SCWA Board

Patrick G. Halpin, *Chairman* Jane R. Devine, *Secretary*

Mario R. Mattera, *Member* Timothy H. Bishop, *Member* Elizabeth Mercado, *Member*

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WHAT'S NEW AT SCWA

Amagansett Water Infrastructure Improvement Project

The Suffolk County Water Authority completed yet another major water infrastructure improvement project in Amagansett. More than six miles worth of water main have been upgraded in the East End community since as part of SCWA's continuing commitment to provide a safe and reliable water supply to all Suffolk residents.

This most recent project, doubling the size of water main along a stretch of Montauk Highway, will bolster supply to the region and improve fire protection for the community. More than 4,700 feet of old 6-inch water main was replaced with new 12-inch diameter ductile iron main which is resistant to breaks even in the coldest winters.

The replacement, completed by SCWA contractor Roadwork Construction, Inc. totaled just short of $1.5 million. Over the past seven years, SCWA has completed more than $6.8 million worth of water main improvement in Amagansett, with more to come.

"This is just another example of our proactive efforts to improve infrastructure for the benefits of our customers," said SCWA Chief Executive Officer Jeffrey W. Szabo. "We've done an incredible amount of work in this area over the past several years, and we're looking to do even more as we move toward 2021."

SCWA plans to replace another 2,545 feet of outdated 6-inch water main along Napeague Lane with new 10-inch diameter pipe and another 820 feet of main along adjacent Marine Boulevard. Just after New Year's 2021, SCWA contractors will also be drilling underneath Montauk Highway and the Long Island Railroad tracks to install 480 feet of main that will connect to existing infrastructure on Cranberry Hole Road on the north side of the tracks.

HOW TO READ YOUR WATER QUALITY DATA

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occurring Compounds as well as Contaminants					Distribution Area 4			
A Detected Compound	Likely Source B	MCL C	MCLG	Unit of Measure D	Range Of Readings Low Value	High Value	Avg. Value	No. Of Tests F
G Inorganics								
Alkalinity to pH 4.5mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	30.4	54.2	40.1	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	0.02	0.09	0.06	14
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	ND	ND	ND	8
Arsenic	Erosion of natural deposits	10	0	ug/L	ND	ND	ND	14
Barium	Erosion of natural deposits	2	2	mg/L	ND	ND	ND	14
Boron	Naturally occurring	n/a	n/a	mg/L	ND	0.11	ND	43
Bromide	Naturally occurring	n/a	n/a	mg/L	ND	ND	ND	14
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	ND	ND	ND	14
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	ND	1.0	0.5	43
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	0.6	19.2	8.9	8
Chloride	Naturally occurring, salt water intrusion	250	n/a	mg/L	2.3	3.2	3.0	14
Chromium, total	Natural deposits	100	100	ug/L	ND	0.61	ND	14
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	ND	ND	ND	14
Color	Naturally occurring metals or minerals	15	n/a	Color Units	ND	7	ND	8
Copper	Household plumbing	AL=1.3	1.3	mg/L	ND	0.03	ND	14
Dissolved Solids, total	Naturally occurring minerals and metals	n/a	n/a	mg/L	59	88	69	11
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	ND	ND	ND	14
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	ND	2.8	ND	43
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	ND	0.67	0.13	12
Iron	Naturally occurring	300	n/a	ug/L	186	495	259	43
Lead	Household plumbing, lead solder	AL=15	0	ug/L	ND	ND	ND	14
Lithium	Naturally occurring	n/a	n/a	ug/L	3.5	4.2	3.8	14
Magnesium	Naturally occurring	n/a	n/a	mg/L	ND	ND	ND	43
Manganese	Naturally occurring	300	n/a	ug/L	ND	ND	ND	43
Molybdenum	Naturally occurring	n/a	n/a	ug/L	ND	ND	ND	14
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	ND	ND	ND	14
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	ND	ND	ND	14
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	ND	ND	ND	8
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	ND	0.36	0.29	43
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	6.5	8.2	7.1	8
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	7.0	8.5	7.4	8
Potassium	Naturally occurring	n/a	n/a	mg/L	1.04	1.44	1.23	43
Silicon	Naturally occurring	n/a	n/a	mg/L	4.0	4.4	4.2	14
Sodium	Naturally occurring	n/a	n/a	mg/L	11.4	39.3	19.8	43

A **DETECTED COMPOUNDS** - compounds found during testing include naturally occurring compounds and contaminants. (On page 7 you will find the list of compounds that were not found in our drinking water).

B **LIKELY SOURCE** - where the detected compound might come from.

C **MAXIMUM CONTAMINANT LEVEL (MCL)** - the highest amount of a compound allowed in drinking water.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) - there is no known or expected health risk for a compound in drinking water below this level.

HOW TO READ YOUR WATER QUALITY DATA

D

UNITS OF MEASURE - metric units used to describe the amount of the compound present **(see chart below for definitions).**

E

DISTRIBUTION AREA

SCWA's service area, all the areas we supply water to, is divided into 27 distinct geographical areas called Distribution Areas. Each area is numbered. The map on pages 42 and 43 shows the boundaries of each area.

On pages 33 to 40 is the Distribution Area Index which lists all SCWA Distribution Areas by town. Some towns have more than one Distribution Area so please read carefully. Once you know the Distribution Area number for your home, school, business or other area of interest, you can then find the water quality results in the tables located on pages 44 through 53.

F

RANGE OF READINGS FOR DETECTED COMPOUNDS

Low Value - the lowest amount of the chemical found in all water samples collected during the year for the distribution area noted.

High Value - the highest amount of the chemical found in all water samples collected during the year for the distribution area noted.

Average Value - the average amount of the chemical found in all the water samples collected during the year for the distribution area noted. **This is the amount of the chemical that would typically be present in your drinking water on any given day during the year.**

No. of Tests - the total number of water samples collected for the chemical during the year in the distribution area noted.

Smaller distribution areas that have few wells will have fewer samples collected during the year than large distribution areas with many wells.

G

TYPES OF DETECTED COMPOUNDS
Broad categories based on chemical characteristics.

Water Quality Data Key Terms and Definitions

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as possible.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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

Micrograms per liter (ug/L): corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

Milligrams per liter (mg/L): corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

Nanograms per liter (ng/L): corresponds to one part of liquid to one trillion parts of liquid (parts per trillion - ppt).

Picocuries per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU): A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Micromhos per centimeter (umho/cm): A measure of the total amount of naturally occurring minerals in the water.

n/a: Not Applicable

ND: Not Detectable at testing limit.

WATER DISTRIBUTION AREA INDEX

How To Use This Index

This index lists all SCWA distribution areas for the water quality results on pages 44 through 53. Pages 31 and 32 have a guide for understanding your water quality and page 7 lists compounds that were not found in our drinking water.

Find the town or community of interest in the first column labeled "TOWN". Next to the town under the second column labeled "DISTRIBUTION AREA", is a number. This is the number of the Distribution Area which serves water to your home, school, business or other area of interest. You can then find this Distribution Area in one of the water quality tables located on pages 33 through 40. Many of the towns listed in this index are served by more than one Distribution Area, so please read the street descriptions carefully.

The map on pages 42 and 43 shows the boundaries of each area. If you locate your town or community, you can use the map rather than the Index to find your Distribution Area. Also listed on the map are the number of wells which serve each Distribution Area.

TOWN	Distribution Area
Amagansett Areas except Fresh Pond Rd (S of Deep Woods Ln), Hawks Nest Ln, Canvasback Ln, Abraham's Landing (E. of Fresh Pond Rd), Devonshire Ln, Katie Ln, W. side of Cross Hwy.	**23**
Amagansett Fresh Pond Rd (S of Deep Woods Ln), Hawks Nest Ln, Canvasback Ln, Abraham's Landing (E. of Fresh Pond Rd), Devonshire Ln, Katie Ln, W. side of Cross Hwy.	**57**
Amityville, North Amityville	**1**
Atlantique, Fire Island	**53**
Babylon	**1**
Bay Shore, North Bay Shore, West Bay Shore, Brightwaters	**1**
Bayport	**1**
Bellport, North Bellport, West Bellport S. of Sunrise Hwy. and a small area N. of Sunrise Hwy. E. of C.R. 101 (Patchogue Yaphank Rd.), W. of Station Rd. up to and including Harrison Ave. but excluding the outlet mall.	**1**
Bellport North of Sunrise Hwy. (except area noted above)	**12**
Blue Point	**1**
Bohemia S. of Veterans Hwy. (except area below)	**1**
Bohemia N. of Veterans Hwy.; additionally, S. of Veterans Hwy. around Connetquot H.S., on or W. of Sycamore Ave. and N. of Connetquot State Park.; Also Locust Ave. S. of Veterans Hwy. to Union St.; Orville Dr. S. to Church St., and including, Wilbur Pl.; Johnson Ave. S. to Church St. including Keyland Ct., Corporate and Aero Drives.	**12**
Brentwood, Edgewood (Heartland Industrial Park) Area W. of Sagtikos and N. of LIRR. Includes Heartland Industrial Park area N. to Dix Hills Water District. Also W. of Sagtikos and S. of LIRR E. of, or on, Carll's Path, S. to Grand Blvd. then, E. along Grand Blvd. to Commack Rd., then all areas accessible from Grand Blvd. N. of, but not on, Crossway Dr. and / or Headline Rd. W. to the Babylon town line. Also E. of Sagtikos and S. of L.I.E. (Rte. 495) to LIRR / Pine Aire Dr. Includes area S. of LIRR along North Gardiner Dr. to Hemlock Dr., E. along Elm Dr., to Elsie Dr., S. to Flo Dr. Also N. of Sweenydale Ave., and Massachusetts Ave., E. to Forks Rd. on New Hampshire Ave., E. to, but not including, Illinois Ave. on Wisconsin Ave. and Michigan. S.E. along Candlewood Rd. to Hilltop Dr.	**12**
Brentwood Water District	**12**
Brentwood All other Southern or Western Brentwood areas	**1**
Bridgehampton, Scuttlehole S. of LIRR.; on, or off of, Snake Hollow Rd., the southern half of Mitchell Ln., or the entire length of Sag Harbor Tpke. and cross streets to the east.	**23**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
Bridgehampton, Sag Harbor W. of, but not on, Sag Harbor Tpke. S. of Scuttlehole Rd.; on, off of, or N. of LIRR; Brick Kiln Rd. N. to Saint Andrews Cemetery. Stony Hill Rd. and served areas west of Noyac Rd., N. to intersection with Stony Hill Rd. (see also "Sag Harbor").	**23**
Brookhaven S. of Sunrise Hwy. and W. of Carmans River (S. to Great South Bay)	**1**
Camp Hero, Montauk Point	**26**
Center Moriches	**20**
Centereach, South Centereach Centereach - All areas S. and / or W. of Nichols Rd. and E. of, but not on Washington Ave. South Centereach - N. of Wanda Terrace, Linden Ln., Grendon Ln., Hermart Ln., Crossover Dr., Peak St., Northfield Dr., W. of Morris Ave., E. of "C" St., and S. of Portion Rd., only.	**12**
Centereach, South Centereach Centereach - Includes N. and S. Centereach. Areas S. of, but not on, Middle Country Rd. and / or on, or W. of, Bob Rd. and Washington Ave. South Centereach - S. of Wanda Terrace, Linden Ln., Grendon Ln., Hermart Ln., Crossover Dr., Peak St., Northfield Dr., W. of "C" St., and S. of Portion Rd. only.	**15**
Centerport N. of, W. of, or on, Old Field Rd. or Centerport Rd.	**6**
Centerport N. of, or on Harbor Circle; W. of, or on, Ft. Salonga Rd. or Washington St. (S. of this area is Greenlawn Water District)	**8**
Central Islip	**12**
Cherry Grove, Fire Island	**54**
Cold Spring Harbor	**6**
Commack Area W. of Sunken Meadow State Pkwy., N. of or on Burr Rd. Also area E. of Town Line Rd. but W. of Sunken Meadow Pkwy. S. to and including Hubbel St. and N. of Vance St.	**10**
Commack, East Commack E. of Sunken Meadow State Pkwy., N. of Northern State Pkwy.	**11**
Copiague, Amity Harbor	**1**
Coram, Gordon Heights Except area, on, or off of, Granny Rd. E. between Rte. 112 and Coram Yaphank Hill Rd. Also areas on Rte. 112 S. of Granny Rd. Includes all areas W. of Rte. 112 S. to Horseblock Rd.	**15**
Coram S. of Horse Block Rd. and Country Rd. (includes southern areas not covered above).	**12**
Corneille Estates, Fire Island	**53**
Cutchogue Mathews La. and Dylan Terrace area	**30**
Davis Park, Fire Island	**54**
Deer Park (All areas S. of LIRR not covered below)	**1**
Deer Park All areas N. of LIRR. Also area S. of LIRR E. of or on Carll's Path, S. to Grand Blvd. then, E. along Grand Blvd. to Commack Rd., then all areas accessible from Grand Blvd. N. of, but not on Crossway Dr. and / or Headline Rd. to the Babylon town line (Including all areas N. to Dix Hills Water District).	**12**
Dering Harbor Water District	**64**
Dunewood, Fire Island	**53**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
East Farmingdale Water District	**EFWD**
East Hampton (except Sag Harbor and Montauk area), Freetown Springs All areas from the town line E. to, but not including, Hither Hills State Park or points E.,	**23**
East Islip	**1**
East Marion	**30**
East Moriches	**20**
East Northport S. of Middleville Rd., W. of Sagtikos Pkwy., W. to boundary with Greenlawn Water District near Elwood Rd.	**10**
East Quoque, Oakville	**20**
East Setauket N. or E. of LIRR; N. or W. of Hulse Rd. or California Ave.	**14**
East Setauket (South Setauket) S. of LIRR; Hulse Rd., Canterbury Ct.; E. of, or on, California Ave., S. of N. Country Rd. from California Ave. E.	**15**
Eastport S. of Sunrise Hwy.	**20**
Eastport N. of Sunrise Hwy.	**12**
Fair Harbor Water District, Fire Island	**53**
Farmingville S. of Horseblock Rd., N. of, or on, Horseblock Rd., W. of Berkshire Dr., W. of, or on, Roberta Ave, S. of Rutgers Rd & Fourth St, E. of Waverly Ave, Columbus Ave, & Eton Rd, N. of Portion Rd & Campus Dr.	**12**
Farmingville N. of, or on, Horseblock Rd., E. of Berkshire Dr.	**15**
Flanders Areas E. of Rte 105, on or N. of Kings Pl./Grant Ct. and easterly ponds, S. of Peconic Bay, E. of Goose Creek, Flanders & Birch Creek County Parks.	**20**
Great River, Great River North Great River North - W. of, or on Connetquot Ave., S. of Babylon St.; E. of Connetquot Ave., S. of Atlantic St.	**1**
Great River North N. of, or on, Atlantic St. and N. of, or on Babylon St.	**12**
Greenport	**30**
Halesite	**6**
Hauppauge, South Hauppauge	**12**
Holbrook, East Holbrook From LIRR S. to areas N. of Veterans Hwy. (Rte. 454) or N. of Patchogue Holbrook Rd. except: Lincoln Ave. N. of Veterans Hwy on or off of, Grundy Ave. S. of Pearl St. Also, Eastern Holbrook, E. of Nicolls Rd. or Woodside Ave. Does not include areas S. of Woodside that are E. of Waverly Ave. Also, W. of Nicolls Rd. on Greenbelt Parkway and N. of Inverness Rd. All other East Holbrook areas N. of Inverness Rd. On, or off of, Shadow Grove, Santa Anita, Sequoia Way.	**12**
Holbrook, South Holbrook W. of Nicolls Rd. on, or off of, Greenbelt Parkway S. of, or on, Inverness Rd. All areas S. of Inverness Rd. E. of Broadway.	**1**
Holtsville	**12**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
Huntington, E. Huntington, E. Neck, W. Neck, Lloyd Harbor, Lloyd Neck Huntington Station (Greater Huntington Area; includes portions of, Huntington Station. Various smaller areas within the greater Huntington area are further subdivided and described in subsequent entries. Read all entries to determine the appropriate zone) Starting at the Nassau-Suffolk border by Cold Spring Harbor; N. of, on, and W. of, Saw Mill Rd. or Snowball Dr., E. or N. of Woodchuck Hollow; N. of Rogues Path (W. 11th Rd. and E. 11th Streets) or N. of Pulaski Rd. near Park Ave.; N.W. of Whitson and / or Lake Rds.; N.W. of, but not on, Old Field Rd. up to Centerport Harbor.	**6**
Huntington (Includes northern portions of Huntington Station. Read all entries to determine the appropriate distribution area). Areas E. of Hawkhurst, Rancher Pl., N. of E. 10th / E. 11th St., W. of Algonquin Dr., Osage Dr., and Park Ave., S. of Columbia Ave & Olive St.	**7**
Huntington (Rte. 110 / New York Ave. corridor in Huntington Village) Areas S. or E. of the intersection of W. Shore Rd. and Mill Dam Rd., E. of, or on Wall St. N. of Main. St., E. of Woodbury Rd., S. of Main St. but N. of High St.; N. of High St. or Dewey St., W. of but not on Spring Rd., N. to New York Ave. at Madison St., N. along both sides (about 1 block deep on E. side) of New York Ave. to and including, Young's Hill Rd., then N. including the area, and all streets, from Huntington Harbor shoreline E. to, but not including, Huntington Bay Rd.; then N. to the Huntington Bay Village Boundary (near Castle Harbor Ct., Bay Rd.)	**5**
Huntington Bay (Village of) Starting at the southern Village boundary at the intersection of Locust Ln. and Bay Rd.; areas W. of, but not including, Locust Ln.; N. to Upper Dr., then area W. of, and including Locust Ln., N. to coast.	**5**
Huntington Bay (parts of Village and surrounding area not contained in previous entry) E. of Bay and Locust Rds.; includes most of Halesite area, Crescent Beach, Knollwood Beach, and all areas around Centerport Harbor including Little Neck Rd.	**6**
Huntington (Half Hollow Hills and East Half Hollow Hills) S. of Strathmore Park (on, or off of, Burrs Ln.) or S. of Otsego Park on, or off of, Commack Rd.; S. of Euclid Ave., S. of Plymouth St., S. or E. of Seamans Neck Rd., Seneca Ave., Oakfield Ave. or Pine Acres Blvd.	**12**
Huntington (Huntington Manor) N. or W. of: North St., Columbia St., Tower St.; W. or S. of New York Ave. (Near Holdsworth Dr.), S. of, but including; Semon, Pine, Soundview, and Walnut Rds.; E. of Hawkshurst and Woodchuck Hollow Rds.	**6**
Islandia	**12**
Islip, Islip Terrace	**1**
Kings Park E. of Sunken Meadow Pkwy., S. of E. Northport Rd. and or Old Dock Rd., E. to boundary with Smithtown Water District.	**11**
Kings Park E. of Sunken Meadow Pkwy., N. of E. Northport Rd., Main St. (Rte. 25A), N and W along Old Dock Rd.; Includes areas N. along Kohr Rd. but S. of Valley Cedar Pl.	**10**
Kings Park N. of the other two Kings Park areas, to the coast, includes the coastal end of the Dock Rds.	**9**
Kismet, Fire Island	**4**
Lake Grove S. of Middle Country Rd. (Rte. 25) Also the neighborhoods N. of Middle Country Rd. accessed from Deitz Rd., New Holmstead Rd., Hawkton Pl. or Stony Brook Rd. S. of Hawk or Renown St., All areas E. of Stony Brook Rd. in zip code 11755.	**12**
Lake Grove Areas N. of Middle Country Rd and Rte 347 between Cambon Ave. (on the west) and Moriches Rd. (on the East) N. to Gordons Gate, Aesop La., and Glen Hill. All areas N. of Middle Country Rd. (Rte. 25) within the Township of Brookhaven.	**15**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
Lake Ronkonkoma, Sachem, Lakeland Most of area except Cenacle of St. Regis and points east. Includes all areas and cul-de-sac accessible from Gatelot Ave., Sachem H.S. and areas N. of Smith Rd. W. of Sachem H.S. and E. to Balaton Ave. Then all areas N. of but not on Smith Rd.	**12**
Lake Ronkonkoma Areas west of the Cenacle of St. Regis (west to Hawkins Rd, north to Smith St and south to Portion Road) and points east. Areas S. of Smith Rd. E. of Sachem H.S. Then all areas on or S. of Smith Rd. The numbered streets and lettered avenues on both sides of Holbrook Rd. and areas just E. and just W. of those streets adjacent to Portion Rd.	**15**
Laurel	**30**
Lindenhurst, North Lindenhurst	**1**
Lonelyville, Fire Island	**53**
Manorville, South Manor	**12**
Mastic N. of Sunrise Hwy.	**12**
Mastic S. of Sunrise Hwy.	**20**
Mastic Beach	**20**
Mattituck (Greater Mattituck Area) Includes Captain Kidd Estates.	**30**
Medford Northern-most area: Areas along Coram and Yaphank Rd. Areas accessed from either Greentree Dr. off of Mill Rd., or from Bellport La. N. to Coram Hill and Coram.	**15**
Medford S. of and including, Horseblock Rd. Areas on Rte 112, not including Middle Island Rd. Area E. of Middle Island Rd. but S. of, or off of, Granny Rd., E. to intersection with Bellport Ave. and Mill Ave., E. along N. Dunton to Country Rd. E. along Mill Rd. but not including Bellport La., Greentree Dr. or areas N. (these are covered in Distribution Area 15). Also, all areas to the south and west of the area above, down to the intersection of North Ocean Ave and Bayside Blvd, then east along Bayside Blvd to Old Medford Ave; includes all areas east of Old Medford all areas N. and E. of Fish Ave and north of East Woodside, then east to include Thicket Rd., or Sunrise Hwy., E. to C.R. 101 / Patchogue-Yaphank Rd., Sills Rd., N. to Harrison Ave., E. along Harrison to Bellport Station Rd.	**12**
Middle Island W. of, but not including, Miller Place-Yaphank Rd. or Middle Island Rd.	**15**
Middle Island On, or E. of, Miller Place-Yaphank Rd. and on or N. of, Longwood Rd.	**12**
Middle Island On or E. of Miller Place-Yaphank Rd. and S. of Longwood Rd.	**12**
Miller Place	**15**
Montauk, Montauk Beach E. of Second House Rd., and on, or off of, East Lake Dr., N. of Montauk Point State Pkwy.; E. of Resource Recovery Center to, but not on, Dewitt Pl. or Dorset Dr. Montauk Beach - E. of Hither Hills State Park on Old Montauk Hwy. and Montauk State Blvd. All other SCWA service areas, and Camp Hero after July, 2008.	**26**
Moriches	**20**
Mount Sinai	**15**
New Suffolk	**30**
Nesconset	**12**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
Nissequogue, Southwest Head of the Harbor N. of or on Spring Hollow Rd., N. of Quail Path. Buckingham Ct. and The Chase.	**12**
Nissequogue, Head of the Harbor, Western Head of the Harbor, Southwest Saint James South of Spring Hollow Rd., including Quail Path and areas south. Not including Nissequogue River Rd., Steep Bank Rd. Includes all areas on or off of Moriches Rd., Branglebrink Rd., Stone Gate and Old Post Rd., all areas on or off of 50 Acre Rd., Weatherhill La. and Weathercrest Ct., Frog Hollow and all roads off of Cord Wood Path. All areas not described herein are in Distribution Area 12. For Head of the Harbor, all areas except Buckingham Ct. and The Chase.	**15**
North Babylon	**1**
Northport On, W. of, or N. of, James, Bayview, Woodbine, or Fort Salonga Rds., W. of, but not on, Reservoir Rd.	**8**
Northport, Asharoken, Crab Meadow, Eatons Neck, Fort Salonga E. of, or on, Douglas Rd. and N. of Fort Salonga Rd. (except areas between Fort Salonga Rd. and Scudder Ave., Normandy Dr., Britney Ct., and Dover Place up to the intersection of Normandy Dr and Middleville Rd.)	**9**
Northport Areas off of, E. of, or on, Reservoir Ave. or Laurel Rd. between Fort Salonga Rd. and Scudder Ave.; S. of Fort Salonga Rd. or Middleville Rd. E. of Vernon Valley Rd. Also includes Normandy Dr., Britney Ct., and Dover Place up to the intersection of Normandy Dr and Middleville Rd.	**10**
Ocean Bay Park, Fire Island	**54**
Oakdale	**1**
Orient (Browns Hills only)	**35**
Patchogue, E. Patchogue, Hagerman (Includes Village of Patchogue) - N. to, and including Woodside Ave.	**1**
Patchogue, North - Area N. of Woodside Ave., and S. of L.I.E.(Rte. 495)	**12**
Peconic	**30**
Pilgrim State Psychiatric Center	**12**
Point O' Woods, Fire Island	**54**
Port Jefferson W. of Belle Terre Rd., on any cross street, N.E. or N.W. of Port Jefferson H.S.	**14**
Port Jefferson, Belle Terre All other areas not covered above	**15**
Port Jefferson Station, Terryville	**15**
Quogue	**20**
Remsenburg	**20**
Ridge, South Ridge	**12**
Riverside (Suffolk County Community College - Riverhead Campus)	**20**
Riverside Water District	**RSWD**
Rocky Point	**15**
Ronkonkoma	**12**
Sagaponack	**23**
Sag Harbor (includes Village of Sag Harbor), Bridgehampton E. of Bayview Dr. W., Locust, Anchor, Clay Pit Rd. and Huntington Crossway, S. along Sag Harbor Tpke., W of Old Farm Rd., Sprig Tree Path and Whalers Dr. N. of Laurel Ln. and Middle Line Hwy., includes areas generally bounded by Joseph Francis Blvd., Carlisle Ln., Collingswood Dr. and N. of Kola Dr. Also includes all areas within actual Village boundaries (both Townships).	**23**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
Saint James, Western Saint James Areas N. of, or on, Middle Country Rd., E. to and including Astor Ave. W. St. James area is W. of 50 Acre Rd., N. of LIRR to Nissequogue River Rd	**12**
Saint James Area N. of, or on, Middle Country Rd. and E. of Astor Ave.	**15**
Sayville	**1**
Selden, North Selden	**15**
Setauket, Poquott N. of LIRR tracks. Also includes the small group of cul-de-sacs N. of Lower Sheep Pasture Rd., E. off of Bennetts Rd. to the point where Pheasant Dr. meets Buckingham Way. Does not include area to N. E. of Stony Brook R.R. Station which is bounded by Quaker Path on the W., Ridgeway Ave. on the N., and N. Country Rd. both E. and S. of Ridgeway (see below for this area).	**14**
Setauket, South Setauket Includes area to N.E. of Stony Brook R.R. (S. Setauket) S. of LIRR; including on, or E. of, Quaker Path, S. of Ridgeway Ave., W. of N. Country Rd., and / or N. of N. Country Rd. All of South Setauket.	**15**
Shirley S. of Sunrise Hwy., E. of Carmans River	**20**
Shirley, North N. of Sunrise Hwy., E. of Carmans River	**12**
Shoreham Northern area of village; and Overhill Rd., Ashley La., Soundview Dr., Mary Pitkin Path and all points N., includes East Shoreham. Excludes areas shown below.	**12**
Shoreham Areas W. of village. Also includes part of village and area E. as follows: W. of South Gate on or off of Woodville Rd. N. to and including Suffolk Down or areas on or off of Briarcliff Rd. N. to Ashley La. or Soundview Dr.	**15**
Smithtown, Village of The Branch	**12**
Sound Beach	**15**
Southampton, North Sea	**23**
Southampton, Roses Grove All areas served by SCWA on, or off of Millstone Rd. north of Guyer Rd., continuing north to Noyack Rd., northwest on Roses Grove Rd to Noyac Rd., northeast on Noyac Rd. to Cedar Pt. Ln. (all streets on or off of Noyac Rd.)	**34**
Southampton, Noyack All areas served by SCWA on, or off of Millstone Rd. north of Scuttlehole Rd, south of Noyac Rd. All areas along Middle Line Hwy to the east to Deerfield Rd., south on Deerfield to Edge of Woods Rd.	**44**
Southold, Bayview (Except Browns Hills)	**30**
Speonk	**20**
Stony Brook, South Stony Brook	**15**
Stony Brook Water District	**SBWD**
Summer Club, Fire Island	**53**
The Pines, Fire Island	**54**
Wading River All areas served by SCWA.	**12**
Wainscott	**23**

WATER DISTRIBUTION AREA INDEX

TOWN	Distribution Area
West Babylon On, and off of, Wellwood Ave. (East side), N. up to Long Island Ave., S. along Belmont Ave., Lafayette Rd., and Livingston Ave.	**1**
West Islip	**1**
West Sayville	**1**
Westhampton (all areas except below)	**20**
Westhampton From the LIRR tracks N. to Sunrise Hwy., on, and off of, Old Riverhead Rd., (C.R. 31); All streets accessed from, or off of, Stewart Ave. across from Gabreski Airport.	**32**
Westhampton Beach	**20**
Wyandanch, Wheatley Heights (South of the LIRR)	**1**
Wyandanch, Wheatley Heights (North of the LIRR)	**12**
Yaphank, West Yaphank, East Yaphank, South Yaphank (Except Colonial Woods / Yaphank Woods) E. of Greentree Dr.,S. of Granny, Ashton, Bartlett, and Longwood Rds South Yaphank - Most areas S. to Sunrise Hwy. All areas west of but not on, Yaphank Ave. Includes Park and Crescent streets, and cross streets in area E. of Yaphank Ave., just south of railroad. All areas between railroad and LIE.	**12**
Yaphank, East Colonial Woods / Yaphank Woods and other areas accessed from William Floyd Pkwy.	**12**
Yaphank, South (includes South Haven) All areas on or off of both sides of Yaphank Ave. N. to intersection of Yaphank Ave. and Gerrard Rd. All of Gerrard Rd. and all other roads E. of Yaphank Ave. to South Haven County Park. All areas S. of Sunrise Hwy. Also, small area N. of Sunrise bounded by Patchogue-Yaphank / Sills Rd. (C.R. 101) on the west, Harrison Ave. on the N., Bellport Station Rd. on the E., and Sunrise Hwy on the S.	**1**

NOTICES AND STATISTICS FOR WATER DISTRICTS THE SCWA OPERATES

Special Notice for East Farmingdale Water District

The Suffolk County Water Authority assumed operation of the East Farmingdale Water District in October of 2010. Test results for the East Farmingdale Water District may be found on page 52 under Distribution Area EFWD and pertinent statistics are in the table shown below. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

East Farmingdale Water District Statistics

Customers	2,440
Population Served	7,320
Miles of Main	45
Fire Hydrants	439
Water Used (Million Gallons)	585
Average Annual Bill (234,278 gallons)	$722
Water Billed (Million Gallons)	563
Percentage of Water Unaccounted for	10%

Special Notice for Riverside Water District

The Suffolk County Water Authority operates the Riverside Water District, and we serve 1,845 people there. Test results for the Riverside Water District may be found on page 52 under Distribution Area RSWD. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.


Auto Sampler Tray

Special Notice for Stony Brook Water District

The Suffolk County Water Authority operates the Stony Brook Water District. Test results for the Stony Brook Water District may be found on page 53 under Distribution Area SBWD and pertinent statistics are in the table shown below. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Stony Brook Water District Statistics

Customers	1,646
Population Served	4,938
Miles of Main	28
Fire Hydrants	218
Water Used (Million Gallons)	215
Average Annual Bill (124,717 gallons)	$77
Water Billed (Million Gallons)	207
Percentage of Water Unaccounted for	10%

Special Notice for Brentwood and Fair Harbor Water Districts

The Suffolk County Water Authority assumed operation of the Brentwood and Fair Harbor Water Districts in 2000. Brentwood Water District is a part of SCWA Distribution Area 12. Test results for Brentwood may be found on page 47. Test results for Fair Harbor may be found on page 51 under Distribution Area 53. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

Special Notice for Dering Harbor Water District

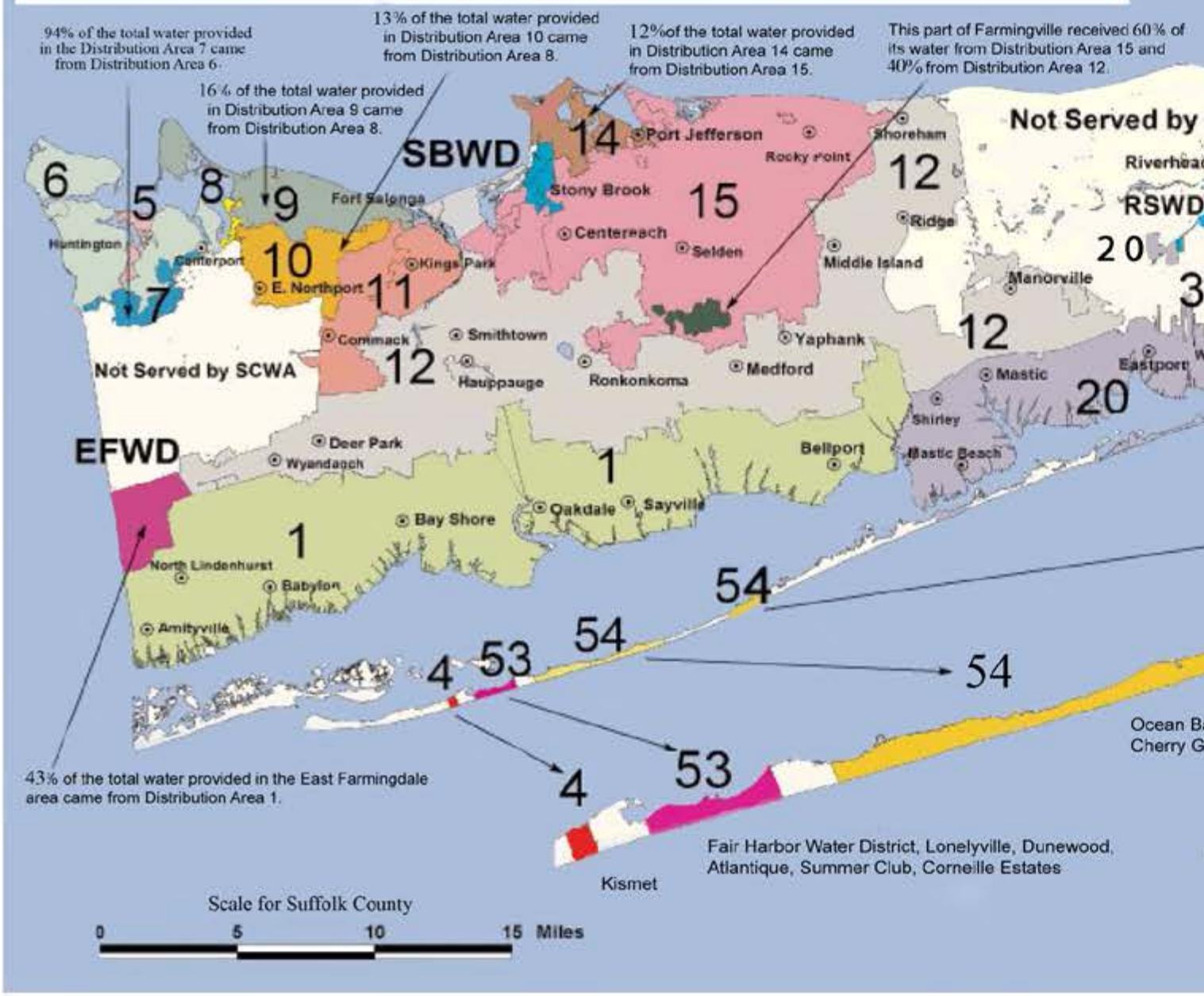
The Suffolk County Water Authority operates with an interim agreement the Dering Harbor Water District, and we serve 136 people there. Test results for the Dering Harbor Water District may be found on page 52 under Distribution Area 64. Although this notice is being provided separately, please be assured information you read elsewhere in this booklet about the protections and services we offer to our customers applies to you as well.

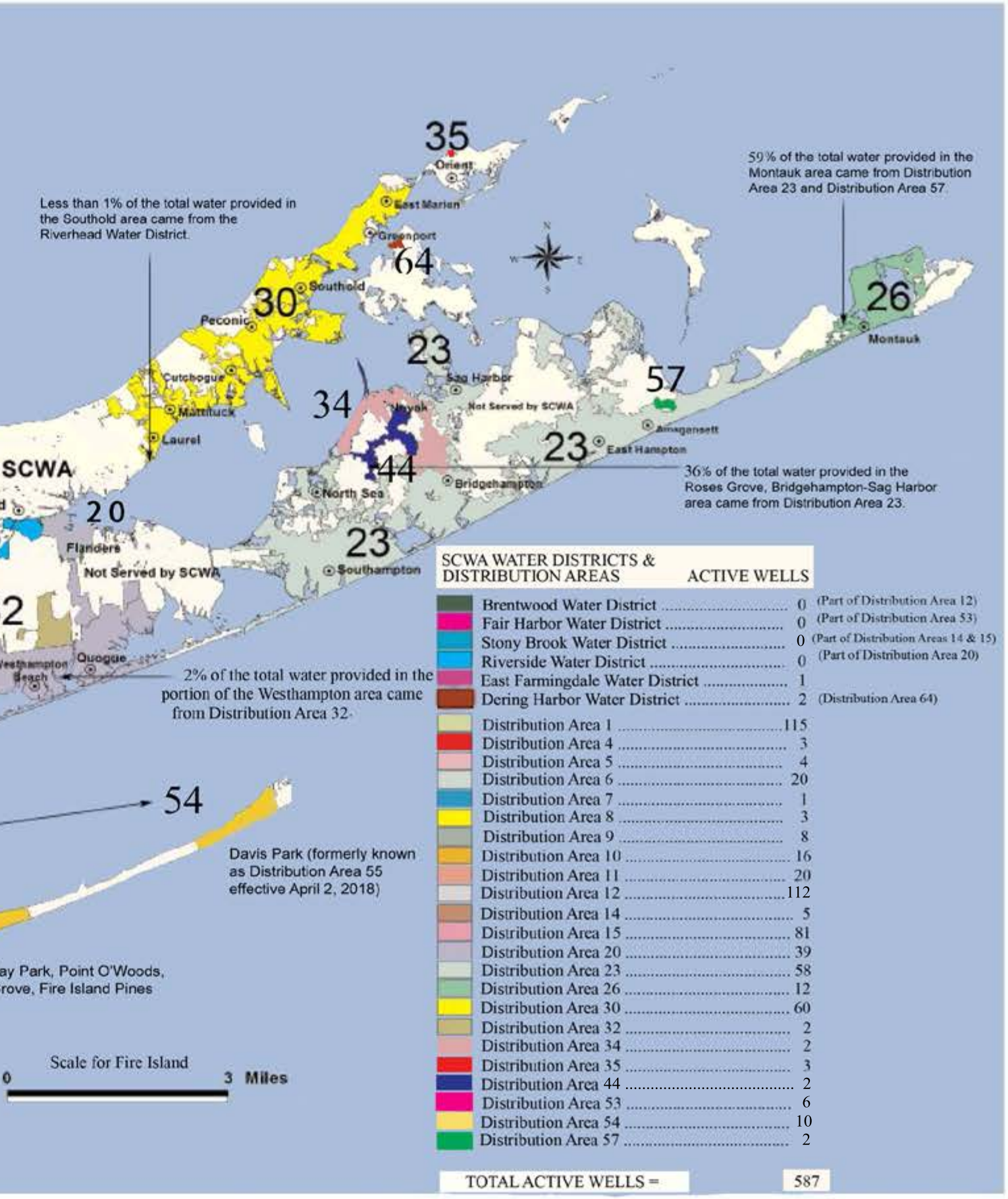
SCWA DISTRIBUTION AREAS

Suffolk County is not flat. In fact, the ground surface elevation across the county varies from sea level to over 300 feet above sea level. Elevation is the key factor in determining water pressure, the lower the ground elevation, the higher the pressure. A single water system could not provide reasonable water pressure to every home. Some homes would have too much pressure and some would have no pressure at all. Therefore, the Water Authority has divided the system into 45 pressure zones. Distribution areas may encompass more than one pressure zone. There are 26 distribution areas.

Each pressure zone is made up of pump stations, storage tanks, and/or booster stations which are designed to provide adequate water pressure to the elevations they serve. These facilities are connected by underground water pipes of various sizes. This piping network is called a distribution system. A pump station consists of at least one well and associated treatment facilities. The well provides access to the underground aquifer. We use a submersible pump powered by an electric motor to bring the water out of the ground, through the treatment facility and into the distribution system. The water can then be delivered to homes, fire hydrants, schools and wherever else it is needed. Any excess water goes into the storage tank where it is stored for later use. The water storage tank provides a stable operating pressure and can supply a lot of water in a short time in the event of an emergency. The wells are turned on and off as required to satisfy the water demand in the distribution system.

If you look at the distribution area map shown below, you will see the size of the areas range from very small, serving a few homes, to very large, serving tens of thousands of homes. The distribution areas are interconnected with booster pumps and/or automatic control valves. In the event of very high demands for water during peak summer usage or an emergency, such as a fire or main break, the booster pump or automatic valve will operate and supply additional water to the impacted area. This operation helps ensure that adequate water is available at all times. It also means that if your home is near the boundary of a distribution area, it may receive water from the adjacent distribution area on occasion. In a few areas, booster pumps routinely pump water from one zone to another. Please see the notes on the map for more information.





SCWA WATER DISTRICTS & DISTRIBUTION AREAS	ACTIVE WELLS	
Brentwood Water District	0	(Part of Distribution Area 12)
Fair Harbor Water District	0	(Part of Distribution Area 53)
Stony Brook Water District	0	(Part of Distribution Areas 14 & 15)
Riverside Water District	0	(Part of Distribution Area 20)
East Farmingdale Water District	1	
Dering Harbor Water District	2	(Distribution Area 64)
Distribution Area 1	115	
Distribution Area 4	3	
Distribution Area 5	4	
Distribution Area 6	20	
Distribution Area 7	1	
Distribution Area 8	3	
Distribution Area 9	8	
Distribution Area 10	16	
Distribution Area 11	20	
Distribution Area 12	112	
Distribution Area 14	5	
Distribution Area 15	81	
Distribution Area 20	39	
Distribution Area 23	58	
Distribution Area 26	12	
Distribution Area 30	60	
Distribution Area 32	2	
Distribution Area 34	2	
Distribution Area 35	3	
Distribution Area 44	2	
Distribution Area 53	6	
Distribution Area 54	10	
Distribution Area 57	2	
TOTAL ACTIVE WELLS =	587	

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 1					Distribution Area 4					Distribution Area 5				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	106.0	35.8	260	No	44.6	56.4	49.2	9	No	33.0	82.6	45.7	10
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.67	0.03	523	No	0.02	0.10	0.06	9	No	ND	0.05	ND	49
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	0.22	ND	319	No	ND	ND	ND	9	No	ND	ND	ND	10
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	2.5	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.09	ND	523	No	ND	ND	ND	9	No	ND	0.2	0.04	49
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	798	No	ND	0.11	ND	38	No	ND	ND	ND	13
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	92.1	ND	293	No	ND	ND	ND	9	No	ND	106.0	ND	10
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	0.4	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	0.7	62.7	12.2	798	No	ND	1.0	0.6	38	No	10.2	49.2	20.7	13
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	4.0	161.0	20.5	306	No	3.5	6.6	4.1	9	No	10.9	132.0	54.0	37
Chromium, total	Natural deposits	100	100	ug/L	No	ND	2.5	ND	523	No	ND	ND	ND	9	No	ND	6.0	2.3	49
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.1	23.4	4.6	260	No	0.6	7.7	2.4	9	No	3.4	21.5	9.0	10
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	4.4	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	12	ND	260	No	ND	10	7	9	No	ND	ND	ND	10
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.16	0.02	523	No	ND	0.02	ND	9	No	ND	ND	ND	49
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	306	No	ND	ND	ND	9	No	ND	ND	ND	37
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	3.3	179.0	36.4	798	No	ND	2.9	ND	38	No	42.2	171.0	76.0	13
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	0.74	0.27	261	No	0.04	0.74	0.20	9	No	0.84	5.86	2.15	40
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	987	182	798	Yes	182	554	268	38	No	ND	32	ND	13
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	1.3	ND	523	No	ND	ND	ND	9	No	ND	1.2	ND	49
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.2	1.7	523	No	3.6	4.2	4.0	9	No	ND	1.7	ND	49
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.21	9.91	1.44	798	No	ND	ND	ND	38	No	4.08	11.80	5.96	13
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	84	ND	798	No	ND	ND	ND	38	No	ND	ND	ND	13
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	10.5	1.30	523	No	ND	ND	ND	9	No	ND	1.3	ND	49
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	4.89	0.70	306	No	ND	0.01	ND	9	No	0.29	8.43	4.82	37
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	306	No	ND	ND	ND	9	No	ND	ND	ND	37
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	2.33	0.20	260	No	ND	ND	ND	9	No	ND	1.13	0.81	10
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	5.8	9.3	7.3	539	No	7.1	8.2	7.7	10	No	6.6	7.5	7.1	17
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.3	9.5	7.4	3039	No	6.9	8.5	7.7	43	No	6.7	7.7	7.2	119
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	3.31	0.63	798	No	ND	0.31	0.23	38	No	ND	ND	ND	13
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.20	3.44	0.59	798	No	0.99	1.31	1.14	38	No	0.81	2.04	1.09	13
Silicon	Naturally occurring	n/a	n/a	mg/L	No	2.9	8.3	4.6	523	No	4.1	4.4	4.3	9	No	6.5	8.0	7.1	49
Sodium	Naturally occurring	n/a	n/a	mg/L	No	2.6	63.2	7.3	798	No	19.3	28.4	23.3	38	No	7.4	59.6	17.9	13
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	35	623	133	260	No	109	135	119	9	No	118	639	232	10
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.231	0.037	523	No	ND	ND	ND	9	No	0.035	0.135	0.057	49
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	52.1	6.8	306	No	5.1	8.7	7.8	9	No	5.3	18.3	11.2	37
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	242	No	ND	ND	ND	7	No	ND	ND	ND	8
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	12.9	ND	798	No	ND	ND	ND	38	No	ND	ND	ND	13
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.5	ND	20	No	ND	0.7	ND	2	No	ND	ND	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	3.7	0.44	260	No	ND	1.8	0.46	9	No	ND	0.85	ND	10
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	523	No	ND	ND	ND	9	No	ND	ND	ND	49
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.04	ND	523	No	ND	ND	ND	9	No	ND	0.04	ND	49
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	268	No	ND	ND	ND	10	No	ND	ND	ND	12
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	268	No	ND	ND	ND	10	No	ND	ND	ND	12
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	267	No	ND	ND	ND	10	No	ND	ND	ND	11
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	267	No	ND	ND	ND	10	No	ND	ND	ND	11
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	263	No	ND	ND	ND	10	No	ND	ND	ND	10
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	260	No	ND	ND	ND	10	No	ND	ND	ND	10
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	1.89	0.12	317	No	ND	ND	ND	9	No	ND	1.28	0.54	18
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	260	No	ND	ND	ND	10	No	ND	ND	ND	10
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	260	No	ND	ND	ND	10	No	ND	ND	ND	10
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	260	No	ND	ND	ND	10	No	ND	ND	ND	10
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	268	No	ND	ND	ND	10	No	ND	ND	ND	12
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	268	No	ND	ND	ND	10	No	ND	ND	ND	12
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	1.45	ND	262	No	ND	ND	ND	10	No	ND	ND	ND	12
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	1.10	ND	383	No	ND	ND	ND	9	No	ND	2.76	0.57	62
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.59	ND	383	No	ND	ND	ND	9	No	ND	0.29	ND	62
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.34	ND	383	No	ND	ND	ND	9	No	ND	0.37	ND	62
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	3.93	ND	62
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	3.29	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.47	ND	383	No	ND	ND	ND	9	No	ND	2.29	ND	62
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	1.02	ND	383	No	ND	ND	ND	9	No	ND	1.03	ND	62
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	0.55	ND	62
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	0.41	ND	383	No	ND	ND	ND	9	No	ND	0.27	ND	62
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	1.44	ND	383	No	ND	ND	ND	9	No	ND	0.52	ND	62
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	1.34	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	383	No	ND	ND	ND	9	No	ND	ND	ND	62

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 6 Violation Yes/No	Distribution Area 6 Range of Readings Low Value	Distribution Area 6 Range of Readings High Value	Distribution Area 6 Avg. Value	Distribution Area 6 No. of Tests	Distribution Area 7 Violation Yes/No	Distribution Area 7 Range of Readings Low Value	Distribution Area 7 Range of Readings High Value	Distribution Area 7 Avg. Value	Distribution Area 7 No. of Tests	Distribution Area 8 Violation Yes/No	Distribution Area 8 Range of Readings Low Value	Distribution Area 8 Range of Readings High Value	Distribution Area 8 Avg. Value	Distribution Area 8 No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	20.2	87.8	50.5	48	No	46.6	65.2	57.2	4	No	25.4	33.4	27.4	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.06	0.03	76	No	ND	0.07	0.03	8	No	ND	0.02	ND	8
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	48	No	ND	ND	ND	4	No	ND	ND	ND	8
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.08	ND	76	No	ND	0.03	0.02	8	No	ND	ND	ND	8
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	78.8	ND	52	No	51.3	69.0	60.6	4	No	ND	ND	ND	8
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	5.8	36.8	21.2	50	No	16.0	28.7	23.4	4	No	8.7	14.4	11.2	8
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	6.7	35.7	18.8	142	No	14.0	23.2	20.4	8	No	6.1	16.9	11.0	8
Chromium, total	Natural deposits	100	100	ug/L	No	ND	9.9	1.7	76	No	ND	10.9	4.5	8	No	ND	ND	ND	8
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.2	28.9	7.2	48	No	4.2	11.6	7.9	4	No	3.3	9.8	4.8	8
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	0.6	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	ND	ND	48	No	ND	ND	ND	4	No	ND	ND	ND	8
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.03	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	142	No	ND	ND	ND	8	No	ND	ND	ND	8
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	20.3	128.0	71.8	50	No	54.2	94.1	77.7	4	No	24.3	46.2	34.6	8
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	8.57	1.66	78	No	0.51	8.88	3.99	8	No	0.09	0.48	0.22	8
Iron	Naturally occurring	300	n/a	ug/L	No	ND	62	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.1	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	1.30	8.88	4.61	50	No	3.46	5.45	4.70	4	No	0.65	2.73	1.63	8
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	1.4	ND	76	No	ND	0.80	0.6	8	No	0.6	1.4	1.0	8
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.17	8.70	5.51	142	No	4.94	6.85	6.26	8	No	1.04	3.55	2.34	8
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	142	No	ND	ND	ND	8	No	ND	ND	ND	8
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	4.41	1.61	79	No	0.55	1.80	1.22	4	No	0.88	2.00	1.46	8
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.3	8.9	7.3	89	No	7.0	7.4	7.1	9	No	6.8	7.3	7.1	8
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.6	9.5	7.3	602	No	6.6	7.7	7.2	151	No	6.6	8.0	7.2	64
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	1.56	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.50	1.49	0.95	50	No	0.69	1.10	0.94	4	No	0.40	0.88	0.62	8
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.5	9.1	7.3	76	No	6.5	8.5	7.2	8	No	3.8	4.0	3.8	8
Sodium	Naturally occurring	n/a	n/a	mg/L	No	5.5	16.5	10.6	50	No	9.0	14.9	12.5	4	No	4.3	9.6	6.8	8
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	73	365	209	48	No	200	277	240	4	No	77	155	115	8
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.023	0.146	0.080	76	No	0.064	0.093	0.086	8	No	0.015	0.047	0.030	8
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	25.1	9.7	142	No	4.3	11.9	9.9	8	No	ND	8.3	3.7	8
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	42	No	ND	ND	ND	2	No	ND	ND	ND	6
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	50	No	ND	ND	ND	4	No	ND	ND	ND	8
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	1.3	ND	48	No	ND	0.65	ND	4	No	ND	0.71	ND	8
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	76	No	ND	ND	ND	8	No	ND	ND	ND	8
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	9
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	9
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	80	No	ND	ND	ND	4	No	ND	ND	ND	8
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	80	No	ND	ND	ND	4	No	ND	ND	ND	8
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4	No	ND	ND	ND	8
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4	No	ND	ND	ND	8
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	3.65	0.65	76	No	0.83	1.66	1.27	4	No	ND	0.17	0.09	13
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4	No	ND	ND	ND	8
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4	No	ND	ND	ND	8
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	46	No	ND	ND	ND	4	No	ND	ND	ND	8
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	8
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	55	No	ND	ND	ND	4	No	ND	ND	ND	8
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	4.79	ND	64	No	ND	ND	ND	4	No	ND	ND	ND	8
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.40	ND	215	No	ND	0.49	ND	12	No	ND	ND	ND	10
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	2.16	0.48	215	No	ND	1.15	0.55	12	No	ND	ND	ND	10
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	0.79	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.41	ND	215	No	ND	0.34	ND	12	No	ND	ND	ND	10
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	1.79	ND	215	No	ND	0.56	ND	12	No	ND	ND	ND	10
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	1.45	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	0.68	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.61	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	0.78	ND	215	No	ND	ND	ND	12	No	ND	ND	ND	10

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 9					Distribution Area 10					Distribution Area 11				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	36.4	83.4	56.8	22	No	30.2	59.6	41.8	37	No	24.6	98.2	48.0	47
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.05	0.02	41	No	ND	0.07	0.02	61	No	ND	0.09	0.03	58
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	22	No	ND	ND	ND	40	No	ND	ND	ND	49
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.03	ND	41	No	ND	0.04	ND	61	No	ND	0.05	0.02	58
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	23	No	ND	ND	ND	38	No	ND	ND	ND	53
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	75.5	ND	22	No	ND	65.9	ND	41	No	ND	448.0	58.3	47
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	17.7	33.5	25.2	23	No	11.5	31.3	20.4	38	No	9.6	49.4	22.3	53
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	12.2	35.2	20.8	87	No	11.6	40.4	21.0	196	No	9.9	88.3	38.7	128
Chromium, total	Natural deposits	100	100	ug/L	No	ND	10.3	1.9	41	No	ND	9.9	1.5	61	No	ND	2.8	0.7	58
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	1.6	11.5	5.3	22	No	1.3	23.4	6.1	37	No	0.6	25.0	8.0	47
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	41	No	ND	1.4	ND	61	No	ND	3.2	ND	58
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	ND	ND	22	No	ND	ND	ND	37	No	ND	5	ND	47
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.03	ND	41	No	ND	0.03	ND	61	No	ND	0.02	ND	58
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	87	No	ND	ND	ND	196	No	ND	ND	ND	128
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	57.0	124.0	86.6	23	No	40.1	106.0	68.0	38	No	29.0	146.0	71.1	53
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	6.31	1.54	40	No	0.04	4.32	1.25	61	No	0.05	2.33	0.64	57
Iron	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	23	No	ND	88	ND	38	No	ND	68	ND	53
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.6	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	2.71	10.40	5.80	23	No	1.41	6.97	4.14	38	No	1.20	6.86	3.75	53
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	38	No	ND	81	14	53
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	1.4	0.6	41	No	ND	1.9	0.8	61	No	ND	6.3	1.5	58
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.80	8.50	6.27	87	No	2.44	8.82	6.54	195	No	0.14	8.59	5.60	128
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	87	No	ND	ND	ND	195	No	ND	ND	ND	128
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	2.60	1.12	23	No	ND	3.51	1.89	65	No	ND	2.15	0.80	50
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	7.0	9.0	7.4	29	No	6.5	8.2	7.2	54	No	6.5	8.4	7.1	87
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.3	7.3	273	No	6.5	8.1	7.2	610	No	6.5	9.0	7.2	457
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	ND	ND	23	No	ND	ND	ND	38	No	ND	ND	ND	53
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.71	2.03	1.09	23	No	0.66	1.31	0.96	38	No	0.59	1.86	1.02	53
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.8	9.9	6.9	41	No	3.5	8.1	6.1	61	No	3.9	7.1	5.3	58
Sodium	Naturally occurring	n/a	n/a	mg/L	No	10.1	21.3	14.9	23	No	7.5	15.4	11.2	38	No	6.2	35.6	16.0	53
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	190	356	262	22	No	138	298	212	37	No	101	451	228	47
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.047	0.127	0.087	41	No	0.029	0.143	0.087	61	No	0.020	0.122	0.064	58
Sulfate	Naturally occurring	250	n/a	mg/L	No	4.3	28.9	14.4	87	No	ND	30.5	13.4	196	No	ND	16.9	8.2	128
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	18	No	ND	ND	ND	35	No	ND	ND	ND	45
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	41	No	ND	ND	ND	61	No	ND	ND	ND	58
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	23	No	ND	ND	ND	38	No	ND	ND	ND	53
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	4	No	ND	ND	ND	4
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.76	ND	22	No	ND	1.0	ND	37	No	ND	1.3	0.47	47
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.7	ND	41	No	ND	1.0	ND	61	No	ND	ND	ND	58
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.02	ND	41	No	ND	0.02	ND	61	No	ND	0.02	ND	58
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	40	No	ND	ND	ND	49
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	40	No	ND	ND	ND	49
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	40	No	ND	ND	ND	66
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	0.38	ND	50
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	2.85	0.97	26	No	0.11	1.30	0.51	65	No	ND	1.90	0.50	79
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	21	No	ND	ND	ND	39	No	ND	ND	ND	50
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	24	No	ND	1.09	ND	43	No	ND	1.25	ND	54
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	0.53	ND	182
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.26	ND	60	No	ND	ND	ND	135	No	ND	2.09	ND	182
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	0.69	ND	182
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	1.65	0.69	60	No	ND	0.92	0.31	135	No	ND	1.95	0.40	182
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	0.28	ND	182
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.99	ND	60	No	ND	0.51	ND	135	No	ND	1.05	ND	182
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	60	No	ND	0.36	ND	135	No	ND	ND	ND	182
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	0.32	ND	60	No	ND	0.64	ND	135	No	ND	1.11	ND	182
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	0.96	ND	60	No	ND	2.33	ND	135	No	ND	0.65	ND	182
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	ND	ND	182
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	1.04	0.25	60	No	ND	0.60	ND	135	No	ND	1.03	ND	182
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.78	ND	60	No	ND	0.53	ND	135	No	ND	0.71	ND	182
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	ND	ND	135	No	ND	0.49	ND	182
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	0.38	ND	135	No	ND	0.40	ND	182
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	60	No	ND	0.25	ND	135	No	ND	3.05	ND	182

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 12 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 14 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Distribution Area 15 Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	147.0	53.6	268	No	ND	41.0	22.5	16	No	ND	114.0	47.2	180
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.35	0.03	485	No	ND	0.02	ND	16	No	ND	0.16	0.03	228
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	307	No	ND	ND	ND	16	No	ND	0.19	ND	182
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	4.0	ND	485	No	ND	ND	ND	16	No	ND	1.3	ND	228
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.08	ND	485	No	ND	0.02	ND	16	No	ND	0.09	0.02	228
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	482	No	ND	ND	ND	16	No	ND	ND	ND	244
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	100.0	ND	319	No	ND	ND	ND	16	No	ND	62.6	ND	234
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	485	No	ND	ND	ND	16	No	ND	ND	ND	228
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	3.6	54.8	20.2	482	No	3.4	14.8	7.7	16	No	3.5	57.7	20.8	244
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	4.1	119.0	37.9	459	No	4.5	15.7	7.2	16	No	4.6	115.0	35.8	512
Chromium, total	Natural deposits	100	100	ug/L	No	ND	3.3	ND	485	No	ND	1.1	ND	16	No	ND	5.1	1.1	228
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.2	48.0	6.1	268	No	1.8	7.8	4.4	16	No	0.2	55.2	6.7	180
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	4.9	ND	485	No	ND	ND	ND	16	No	ND	1.1	ND	228
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	Yes	ND	16	ND	268	No	ND	5	ND	16	No	ND	10	ND	180
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.21	ND	485	No	ND	0.03	ND	16	No	ND	0.08	ND	228
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	459	No	ND	ND	ND	16	No	ND	ND	ND	512
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	11.0	187.0	67.6	482	No	11.5	49.7	24.3	16	No	11.9	171.0	71.2	244
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	2.75	0.41	268	No	0.18	0.88	0.43	16	No	ND	5.09	0.98	197
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	683	80	482	No	ND	ND	ND	16	Yes	ND	548	52	244
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	1.1	ND	485	No	ND	ND	ND	16	No	ND	ND	ND	228
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.0	ND	485	No	ND	ND	ND	16	No	ND	3.2	ND	228
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.30	19.70	4.18	482	No	0.66	3.11	1.22	16	No	0.76	11.50	4.71	244
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	123	15	482	No	ND	ND	ND	16	No	ND	89	16	244
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	1.1	ND	485	No	ND	ND	ND	16	No	ND	ND	ND	228
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	5.9	0.6	485	No	ND	ND	ND	16	No	ND	2.9	ND	228
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	8.65	3.70	456	No	0.04	3.42	0.87	16	No	0.08	9.44	4.42	511
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	457	No	ND	ND	ND	16	No	ND	ND	ND	512
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	3.02	0.48	276	No	ND	1.35	0.34	16	No	ND	3.37	0.91	198
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.2	8.8	7.3	509	No	6.8	7.4	7.1	20	No	6.0	8.8	7.2	242
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.3	9.0	7.4	2619	No	6.3	8.4	7.2	267	No	6.0	8.9	7.3	1904
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	2.46	0.37	482	No	ND	ND	ND	16	No	ND	2.17	0.31	244
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.20	3.15	1.01	482	No	0.29	0.80	0.42	16	No	0.31	3.23	1.17	244
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.2	10.8	6.6	485	No	4.1	7.1	5.2	16	No	4.8	10.2	7.1	228
Sodium	Naturally occurring	n/a	n/a	mg/L	No	3.1	67.7	15.9	482	No	3.8	9.9	5.4	16	No	3.8	63.9	20.2	244
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	41	566	230	268	No	46	160	82	16	No	45	532	232	180
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.202	0.052	485	No	ND	0.044	0.014	16	No	ND	0.176	0.062	228
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	29.3	12.8	459	No	ND	6.8	ND	16	No	ND	28.9	11.3	512
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	240	No	ND	ND	ND	12	No	ND	0.10	ND	166
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	485	No	ND	ND	ND	16	No	ND	ND	ND	228
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.5	ND	482	No	ND	ND	ND	16	No	ND	5.9	ND	244
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.6	ND	26	No	ND	ND	ND	4	No	ND	ND	ND	12
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	5.4	0.54	268	No	ND	0.74	ND	16	No	ND	3.8	0.49	180
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.2	ND	485	No	ND	ND	ND	16	No	ND	2.5	ND	228
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.04	ND	485	No	ND	ND	ND	16	No	ND	0.03	ND	228
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	191
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	191
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	271	No	ND	ND	ND	16	No	ND	ND	ND	180
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	271	No	ND	ND	ND	16	No	ND	ND	ND	180
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	284	No	ND	ND	ND	16	No	ND	0.28	ND	178
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	270	No	ND	ND	ND	16	No	ND	0.24	ND	180
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	1.20	0.16	380	No	ND	0.32	0.09	19	No	ND	1.21	0.21	251
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	270	No	ND	ND	ND	16	No	ND	ND	ND	180
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	270	No	ND	ND	ND	16	No	ND	ND	ND	180
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	270	No	ND	ND	ND	16	No	ND	ND	ND	180
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	0.53	ND	191
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	269	No	ND	ND	ND	16	No	ND	ND	ND	191
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	2.91	ND	291	No	ND	ND	ND	16	No	ND	1.40	ND	177
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.26	ND	568	No	ND	ND	ND	22	No	ND	0.49	ND	378
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	1.06	ND	568	No	ND	ND	ND	22	No	ND	0.29	ND	378
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	0.80	ND	378
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	1.29	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	3.03	ND	568	No	ND	ND	ND	22	No	ND	1.95	ND	378
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	0.36	ND	378
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.89	ND	568	No	ND	ND	ND	22	No	ND	1.82	ND	378
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	0.50	ND	378
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.23	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	3.88	ND	568	No	ND	ND	ND	22	No	ND	1.19	ND	378
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	1.22	ND	568	No	ND	0.73	ND	22	No	ND	ND	ND	378
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.88	ND	568	No	ND	0.42	ND	22	No	ND	ND	ND	378
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	2.86	ND	568	No	ND	ND	ND	22	No	ND	0.57	ND	378
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	ND	ND	378
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	1.77	ND	568	No	ND	ND	ND	22	No	ND	1.61	ND	378
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	0.85	ND	568	No	ND	ND	ND	22	No	ND	0.69	ND	378
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	0.48	ND	378
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	568	No	ND	ND	ND	22	No	ND	1.29	ND	378
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	0.31	ND	568	No	ND	ND	ND	22	No	ND	0.29	ND	378

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 20					Distribution Area 23					Distribution Area 26				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	65.6	36.8	82	No	ND	82.2	45.9	122	No	29.6	126.0	53.7	27
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.15	0.03	138	No	ND	0.11	0.03	147	No	ND	0.10	0.03	29
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	104	No	ND	ND	ND	145	No	ND	ND	ND	30
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	2.2	ND	138	No	ND	ND	ND	147	No	ND	ND	ND	29
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.06	ND	138	No	ND	0.08	0.03	147	No	ND	0.10	0.05	29
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	0.61	ND	247	No	ND	ND	ND	191	No	ND	ND	ND	131
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	86.9	ND	92	No	ND	142.0	ND	142	No	ND	144.0	68.4	32
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	138	No	ND	ND	ND	147	No	ND	ND	ND	29
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	ND	21.5	10.7	247	No	4.6	45.3	20.6	191	No	5.1	49.1	19.5	131
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	5.6	47.9	12.5	95	No	9.7	94.4	34.3	264	No	22.5	72.4	44.8	28
Chromium, total	Natural deposits	100	100	ug/L	No	ND	0.9	ND	138	No	ND	4.2	ND	147	No	ND	0.7	ND	29
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.2	16.2	3.4	82	No	0.4	22.0	5.0	122	No	0.9	15.5	4.2	28
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	0.6	ND	138	No	ND	4.2	0.5	147	No	ND	1.2	ND	29
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	Yes	ND	15	ND	82	No	ND	12	ND	121	No	ND	12	ND	27
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.12	ND	138	No	ND	0.05	ND	147	No	ND	0.05	ND	29
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	0.5	ND	95	No	ND	ND	ND	265	No	ND	ND	ND	28
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	2.3	68.4	33.4	247	No	18.0	142.0	69.8	191	No	26.0	167.0	74.6	131
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	0.87	0.19	84	No	0.04	1.20	0.35	119	No	ND	0.44	0.20	28
Iron	Naturally occurring	300	n/a	ug/L	Yes	ND	851	267	247	Yes	ND	415	96	191	Yes	ND	857	115	131
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	138	No	ND	ND	ND	147	No	ND	ND	ND	29
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	7.5	3.1	138	No	ND	5.0	1.1	147	No	ND	2.3	1.1	29
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.46	4.50	1.60	247	No	1.46	9.06	4.44	191	No	3.05	11.40	6.28	131
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	71	13	247	No	ND	143	17	191	No	ND	146	16	131
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	138	No	ND	ND	ND	147	No	ND	ND	ND	29
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	2.6	ND	138	No	ND	2.5	0.6	147	No	ND	1.8	0.6	29
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	3.00	0.31	95	No	ND	8.39	3.73	265	No	0.05	3.95	1.84	28
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	95	No	ND	ND	ND	265	No	ND	ND	ND	28
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	1.99	0.19	93	No	ND	1.45	0.24	137	No	ND	0.44	0.21	30
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.3	8.7	7.4	143	No	6.2	8.6	7.3	185	No	6.8	8.1	7.4	29
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	9.7	7.4	1357	No	6.3	8.7	7.4	1180	No	6.8	8.4	7.5	241
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	3.11	0.75	247	No	ND	4.91	0.35	191	No	0.27	4.62	1.48	131
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.24	4.95	0.73	247	No	0.38	3.66	1.19	191	No	0.85	1.95	1.46	131
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.4	8.3	5.8	138	No	5.4	10.2	7.5	147	No	7.9	10.8	9.1	29
Sodium	Naturally occurring	n/a	n/a	mg/L	No	3.9	59.0	8.4	247	No	7.2	52.3	16.1	191	No	15.0	37.9	25.8	131
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	70	309	130	82	No	77	497	230	122	No	147	408	289	27
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.080	0.038	138	No	0.021	0.137	0.068	147	No	0.039	0.125	0.079	29
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	29.3	7.4	95	No	3.6	56.4	21.5	267	No	7.7	23.8	11.5	28
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	80	No	ND	ND	ND	123	No	ND	ND	ND	23
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	138	No	ND	ND	ND	147	No	ND	ND	ND	29
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	5.5	ND	247	No	ND	ND	ND	191	No	ND	5.8	ND	131
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	12	No	ND	0.6	ND	10	No	ND	0.7	ND	6
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	1.5	ND	82	No	ND	2.1	0.46	122	No	ND	3.8	1.1	27
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	138	No	ND	5.5	ND	147	No	ND	ND	ND	29
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.02	ND	138	No	ND	0.05	ND	147	No	ND	ND	ND	29
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	87	No	ND	ND	ND	143	No	ND	ND	ND	30
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	87	No	ND	ND	ND	143	No	ND	ND	ND	30
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	157	No	ND	ND	ND	30
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	85	No	ND	0.50	ND	157	No	ND	ND	ND	30
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	130	No	ND	ND	ND	30
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	145	No	ND	ND	ND	28
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	0.14	ND	93	No	ND	0.19	ND	143	No	ND	0.45	ND	36
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	145	No	ND	ND	ND	28
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	145	No	ND	ND	ND	28
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	85	No	ND	ND	ND	145	No	ND	ND	ND	28
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	87	No	ND	1.86	ND	143	No	ND	ND	ND	30
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	87	No	ND	0.78	ND	143	No	ND	ND	ND	30
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	87	No	ND	2.16	ND	136	No	ND	ND	ND	30
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	0.47	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	13.80	ND	205	No	ND	0.83	ND	53
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	0.27	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	0.48	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	0.44	ND	53
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	0.31	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.15	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	148	No	ND	0.36	ND	205	No	ND	0.31	ND	53
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.17	ND	148	No	ND	0.14	ND	205	No	ND	ND	ND	53
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	0.65	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	0.27	ND	148	No	ND	ND	ND	205	No	ND	0.73	ND	53
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	0.40	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	206	No	ND	ND	ND	53
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	206	No	ND	ND	ND	53
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	0.28	ND	205	No	ND	ND	ND	53
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	148	No	ND	ND	ND	205	No	ND	ND	ND	53

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 30					Distribution Area 32					Distribution Area 34				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	ND	166.0	68.5	114	No	28.8	58.0	45.6	5	No	29.2	54.8	41.3	9
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.23	0.04	153	No	ND	0.07	0.04	6	No	ND	0.04	0.02	9
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	149	No	ND	ND	ND	5	No	ND	ND	ND	9
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.07	0.03	153	No	0.02	0.06	0.03	6	No	ND	ND	ND	9
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	171	No	ND	ND	ND	6	No	ND	ND	ND	9
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	302.0	73.4	120	No	ND	ND	ND	5	No	ND	ND	ND	9
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	5.3	57.1	29.4	171	No	5.5	21.4	14.6	6	No	5.9	19.9	13.3	9
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	11.8	118.0	52.4	532	No	46.1	90.9	65.2	5	No	13.3	16.7	14.5	9
Chromium, total	Natural deposits	100	100	ug/L	No	ND	1.3	ND	153	No	ND	0.7	ND	6	No	ND	0.5	ND	9
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.1	51.9	7.2	114	No	2.1	10.2	5.1	5	No	1.9	14.3	6.5	9
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	0.6	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	5	ND	114	No	ND	ND	ND	5	No	ND	ND	ND	9
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.50	0.03	153	No	ND	ND	ND	6	No	ND	0.28	0.08	9
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	532	No	ND	ND	ND	5	No	ND	ND	ND	9
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	22.0	195.0	102.7	171	No	24.3	66.1	47.5	6	No	23.5	63.7	45.8	9
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	2.05	0.31	115	No	ND	0.35	0.27	5	No	ND	0.44	0.28	9
Iron	Naturally occurring	300	n/a	ug/L	No	ND	180	33	171	No	ND	54	ND	6	No	ND	32	ND	9
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	2.1	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	2.9	ND	153	No	ND	ND	ND	6	No	ND	1.1	ND	9
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	2.16	12.90	7.09	171	No	2.36	3.07	2.67	6	No	2.11	4.69	3.04	9
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	157	24	171	No	ND	ND	ND	6	No	ND	ND	ND	9
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	1.6	ND	153	No	ND	0.5	ND	6	No	ND	ND	ND	9
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.12	9.11	4.86	531	No	0.38	0.71	0.57	5	No	0.26	1.08	0.59	9
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	532	No	ND	ND	ND	5	No	ND	ND	ND	9
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	8.72	2.13	217	No	ND	0.18	ND	5	No	ND	0.25	ND	9
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.4	9.1	7.4	224	No	7.0	7.5	7.2	13	No	6.6	7.5	7.1	10
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.0	9.3	7.4	714	No	6.3	8.5	7.2	63	No	6.8	8.2	7.4	104
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	2.80	0.29	171	No	ND	ND	ND	6	No	ND	ND	ND	9
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.48	4.80	2.19	171	No	0.65	0.76	0.70	6	No	0.55	0.72	0.66	9
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.1	8.3	6.4	153	No	3.9	5.2	4.6	6	No	6.2	8.5	6.8	9
Sodium	Naturally occurring	n/a	n/a	mg/L	No	7.3	85.2	36.1	171	No	27.2	56.5	41.4	6	No	8.6	10.4	9.4	9
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	94	661	387	114	No	271	375	321	5	No	115	182	148	9
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.026	0.180	0.110	153	No	0.052	0.072	0.061	6	No	0.031	0.056	0.042	9
Sulfate	Naturally occurring	250	n/a	mg/L	No	5.0	70.1	34.1	532	No	6.3	8.2	6.9	5	No	7.1	10.1	8.9	9
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	138	No	ND	ND	ND	3	No	ND	ND	ND	7
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	8.9	ND	171	No	ND	ND	ND	6	No	ND	ND	ND	9
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	0.5	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	2
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	2.4	0.51	114	No	ND	0.59	ND	5	No	ND	0.63	ND	9
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.4	ND	153	No	ND	ND	ND	6	No	ND	2.8	ND	9
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	153	No	ND	ND	ND	6	No	ND	ND	ND	9
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	1.27	ND	159	No	ND	ND	ND	5	No	ND	ND	ND	9
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	1.54	ND	159	No	ND	ND	ND	5	No	ND	ND	ND	9
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	0.79	ND	247	No	ND	ND	ND	5	No	ND	ND	ND	9
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	0.52	ND	247	No	ND	ND	ND	5	No	ND	ND	ND	9
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	124	No	ND	ND	ND	5	No	ND	ND	ND	9
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	147	No	ND	ND	ND	5	No	ND	ND	ND	9
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	0.11	ND	134	No	ND	ND	ND	5	No	ND	ND	ND	9
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	0.80	ND	147	No	ND	ND	ND	5	No	ND	ND	ND	9
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	0.70	ND	147	No	ND	ND	ND	5	No	ND	ND	ND	9
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	0.23	ND	147	No	ND	ND	ND	5	No	ND	ND	ND	9
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	3.15	0.53	159	No	ND	ND	ND	5	No	ND	ND	ND	9
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	3.10	ND	159	No	ND	ND	ND	5	No	ND	ND	ND	9
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	9.98	1.52	180	No	ND	ND	ND	5	No	ND	ND	ND	9
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	0.35	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	0.78	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	203	No	ND	ND	ND	6	No	ND	ND	ND	10

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 35					Distribution Area 44					Distribution Area 53				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	63.0	106.0	76.0	10	No	35.4	48.6	40.9	6	No	ND	49.6	36.8	23
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	10	No	ND	0.03	ND	6	No	0.04	0.73	0.31	30
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	23
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	0.02	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	69
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	92.9	62.9	10	No	ND	51.3	ND	6	No	ND	ND	ND	32
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	24.6	31.7	28.4	10	No	13.1	23.5	16.5	6	No	ND	1.3	0.6	69
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	ND	27.7	5.2	27	No	14.8	24.1	17.9	6	No	4.6	8.8	5.2	23
Chromium, total	Natural deposits	100	100	ug/L	No	ND	1.7	ND	10	No	ND	ND	ND	6	No	ND	1.0	ND	30
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	2.9	17.0	8.4	10	No	1.4	9.2	4.1	6	No	1.5	14.3	6.0	23
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	ND	ND	10	No	ND	7	ND	6	No	ND	12	9	23
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.07	0.02	10	No	ND	ND	ND	6	No	ND	0.10	ND	30
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	27	No	ND	ND	ND	6	No	ND	ND	ND	23
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	96.8	131.0	115.5	10	No	46.3	82.3	58.0	6	No	ND	4.3	ND	69
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	0.47	0.16	10	No	0.11	0.41	0.28	6	No	ND	0.37	0.09	23
Iron	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	10	No	ND	108	52	6	Yes	154	753	331	69
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	9.2	3.1	10	No	ND	2.4	1.0	6	No	4.3	10.5	6.7	30
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	8.58	12.70	10.82	10	No	3.28	5.73	4.09	6	No	ND	0.45	ND	69
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	10	ND	10	No	ND	33	12	6	No	ND	10	ND	69
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	0.8	ND	10	No	ND	ND	ND	6	No	ND	0.8	ND	30
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	1.05	5.99	2.41	27	No	0.61	0.99	0.84	6	No	ND	0.02	ND	23
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	0.004	ND	27	No	ND	ND	ND	6	No	ND	ND	ND	23
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	1.50	0.19	28	No	ND	0.17	0.10	6	No	ND	ND	ND	23
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.9	7.8	7.2	19	No	6.9	7.9	7.4	6	No	6.5	7.8	7.2	26
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.9	8.0	7.2	70	No	6.6	9.1	7.5	58	No	6.0	8.0	7.3	79
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	0.71	0.23	69
Potassium	Naturally occurring	n/a	n/a	mg/L	No	1.13	1.75	1.39	10	No	0.66	0.79	0.71	6	No	1.47	4.01	2.71	69
Silicon	Naturally occurring	n/a	n/a	mg/L	No	7.8	9.1	8.5	10	No	6.5	9.8	7.8	6	No	4.3	5.6	4.9	30
Sodium	Naturally occurring	n/a	n/a	mg/L	No	26.4	48.0	35.2	10	No	9.8	12.9	11.0	6	No	8.2	22.9	17.4	69
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	353	516	424	10	No	150	245	186	6	No	66	124	96	23
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	0.104	0.140	0.127	10	No	0.043	0.087	0.059	6	No	ND	ND	ND	30
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	44.5	3.7	27	No	10.3	41.8	18.6	6	No	4.3	5.3	4.8	23
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	8	Yes	ND	ND	ND	4	No	ND	ND	ND	15
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	ND	ND	30
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	6	No	ND	51.3	11.1	69
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	2	No	ND	ND	ND	2	No	ND	0.7	ND	8
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	0.41	ND	10	No	ND	0.65	ND	6	No	0.75	5.0	2.3	23
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	10	No	ND	4.4	1.5	6	No	ND	ND	ND	30
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	10	No	ND	ND	ND	6	No	ND	0.15	0.03	30
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	26
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	26
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	26
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	6	No	ND	ND	ND	23
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	16	No	ND	ND	ND	6	No	ND	ND	ND	26
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	13.70	2.57	39	No	ND	ND	ND	6	No	ND	ND	ND	26
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	0.39	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	10	No	ND	ND	ND	31

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area 54					Distribution Area 57					Distribution Area 64				
					Range of Readings					Range of Readings					Range of Readings				
					Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	21.2	43.2	32.3	32	No	32.2	68.0	48.6	6	No	49.8	129.0	83.8	8
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.77	0.31	38	No	ND	0.03	ND	6	No	ND	ND	ND	14
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	37	No	ND	ND	ND	6	No	ND	ND	ND	12
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	ND	ND	38	No	ND	0.04	ND	6	No	ND	ND	ND	14
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	0.13	ND	73	No	ND	ND	ND	6	No	ND	ND	ND	26
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	66.6	ND	65	No	ND	84.6	ND	6	No	50.9	270.0	185.1	9
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	ND	1.8	ND	73	No	9.4	22.9	15.4	6	No	4.7	10.4	7.2	26
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	4.3	8.0	5.2	32	No	24.7	33.9	30.7	6	No	30.9	87.1	66.6	8
Chromium, total	Natural deposits	100	100	ug/L	No	ND	0.7	ND	38	No	ND	0.6	ND	6	No	ND	1.2	0.8	14
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	0.3	8.7	3.6	32	No	0.3	16.7	4.8	6	No	3.5	14.3	7.3	8
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	Yes	ND	15	8	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	0.04	ND	38	No	ND	0.09	0.03	6	No	ND	0.04	ND	14
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	0.2	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	ND	6.2	ND	73	No	41.1	75.4	56.6	6	No	28.3	57.6	40.8	26
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	0.55	0.10	32	No	0.28	0.53	0.38	6	No	0.25	0.47	0.35	8
Iron	Naturally occurring	300	n/a	ug/L	Yes	70	906	253	73	No	ND	42	ND	6	No	ND	150	35	26
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Lithium	Naturally occurring	n/a	n/a	ug/L	No	3.0	6.4	4.2	38	No	ND	2.2	1.3	6	No	ND	ND	ND	14
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	ND	1.05	ND	73	No	3.72	5.08	4.44	6	No	4.04	7.98	5.53	26
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	15	ND	73	No	ND	16	ND	6	No	ND	ND	ND	26
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	ND	1.0	ND	38	No	ND	ND	ND	6	No	ND	0.6	ND	14
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	ND	0.02	ND	32	No	0.55	2.45	1.14	6	No	0.57	3.33	1.79	8
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	0.13	ND	32	No	0.11	0.35	0.18	6	No	0.16	0.31	0.25	8
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.8	8.4	7.3	33	No	6.8	8.5	7.6	6	No	6.9	7.8	7.4	17
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	9.0	7.3	142	No	7.0	8.8	7.7	56	No	7.0	7.5	7.4	25
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	0.75	0.29	73	No	ND	ND	ND	6	No	0.43	2.20	0.96	26
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.85	3.26	1.52	73	No	0.79	1.50	1.05	6	No	0.99	1.73	1.27	26
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.3	5.5	4.9	38	No	7.4	10.2	9.0	6	No	7.7	8.4	8.1	14
Sodium	Naturally occurring	n/a	n/a	mg/L	No	10.7	43.5	17.9	73	No	15.5	20.8	18.6	6	No	45.0	97.1	65.5	26
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	55	106	85	32	No	177	282	229	6	No	331	560	416	8
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	38	No	0.046	0.080	0.063	6	No	0.043	0.087	0.063	14
Sulfate	Naturally occurring	250	n/a	mg/L	No	3.6	5.9	4.2	32	No	8.3	13.8	9.3	6	No	12.4	18.7	14.3	8
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	22	No	ND	ND	ND	4	No	ND	ND	ND	5
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	38	No	ND	ND	ND	6	No	ND	1.3	0.7	14
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	25.4	10.2	73	No	ND	ND	ND	6	No	ND	ND	ND	26
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	1.0	0.7	10	No	ND	ND	ND	2	No	ND	0.6	ND	3
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	3.3	1.6	32	No	ND	0.54	ND	6	No	ND	0.69	ND	8
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.0	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	0.03	ND	38	No	ND	ND	ND	6	No	ND	ND	ND	14
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	ND	ND	31	No	ND	ND	ND	6	No	ND	ND	ND	8
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	32	No	ND	ND	ND	6	No	ND	ND	ND	8
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	37	No	ND	ND	ND	18	No	ND	ND	ND	16

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Compounds as well as Contaminants

Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Distribution Area EFWD					Distribution Area RSWD					Distribution Area SBWD				
					Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Range of Readings Low Value	High Value	Avg. Value	No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	20.4	31.4	26.3	6	No	29.0	34.8	31.9	2	No	26.2	47.2	32.0	4
Aluminum	Naturally occurring	n/a	n/a	mg/L	No	ND	0.03	ND	6	No	ND	ND	ND	2	No	ND	0.02	ND	4
Ammonia, free	Some fertilizers, septic systems	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Arsenic	Erosion of natural deposits	10	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Boron	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Bromide	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	14	No	ND	ND	ND	10	No	ND	ND	ND	12
Cadmium	Natural deposits, galvanized pipe	5	5	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No	ND	11.9	5.8	6	No	9.5	10.0	9.8	2	No	8.5	18.4	11.7	4
Chloride	Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	5.1	9.0	6.9	6	No	9.8	11.1	10.5	2	No	6.9	14.0	10.6	4
Chromium, total	Natural deposits	100	100	ug/L	No	ND	ND	ND	6	No	ND	0.5	ND	2	No	0.7	2.2	1.2	4
CO2, calculated	Naturally occurring	n/a	n/a	mg/L	No	1.4	7.8	3.6	6	No	1.4	3.6	2.5	2	No	3.1	5.5	4.4	4
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No	ND	1.0	0.5	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND	5	ND	6	No	ND	7	ND	2	No	ND	7	ND	4
Copper	Household plumbing	AL=1.3	1.3	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	0.02	ND	4
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Hardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L	No	ND	32.9	16.2	6	No	32.5	35.8	34.2	2	No	25.7	56.3	36.0	4
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	0.04	0.16	0.11	6	No	0.36	0.41	0.39	2	No	0.70	1.91	1.08	4
Iron	Naturally occurring	300	n/a	ug/L	No	ND	88	42	6	No	ND	191	103	2	No	ND	163	57	4
Lead	Household plumbing, lead solder	AL=15	0	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Lithium	Naturally occurring	n/a	n/a	ug/L	No	ND	1.1	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Magnesium	Naturally occurring	n/a	n/a	mg/L	No	0.22	0.77	0.47	6	No	2.12	2.64	2.38	2	No	1.12	2.52	1.64	4
Manganese	Naturally occurring	300	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Molybdenum	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Nickel	Alloys, coatings manufacturing, batteries	100	n/a	ug/L	No	1.0	2.8	1.7	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Nitrate	Natural deposits, fertilizer, septic tanks	10	10	mg/L	No	0.06	0.16	0.11	6	No	0.04	0.09	0.07	2	No	0.59	2.98	1.58	4
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No	ND	0.83	0.23	6	No	ND	0.17	0.11	2	No	0.22	0.33	0.28	4
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.8	8.8	7.4	10	No	7.3	7.6	7.5	2	No	7.0	7.4	7.2	4
pH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No	6.5	8.5	7.4	154	No	6.9	7.6	7.3	48	No	6.5	7.6	7.2	98
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No	ND	0.21	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Potassium	Naturally occurring	n/a	n/a	mg/L	No	0.32	0.44	0.37	6	No	0.50	0.53	0.52	2	No	0.38	0.64	0.48	4
Silicon	Naturally occurring	n/a	n/a	mg/L	No	3.0	3.8	3.4	6	No	6.1	7.7	6.9	2	No	5.3	6.4	5.8	4
Sodium	Naturally occurring	n/a	n/a	mg/L	No	5.5	10.8	8.1	6	No	6.4	7.1	6.8	2	No	5.0	9.1	7.1	4
Specific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No	55	102	76	6	No	104	117	110	2	No	84	168	117	4
Strontium-88	Naturally occurring	n/a	n/a	mg/L	No	ND	0.024	0.014	6	No	0.031	0.036	0.033	2	No	0.016	0.035	0.024	4
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND	5.6	2.8	6	No	6.8	7.2	7.0	2	No	2.8	4.5	3.4	4
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	2	No	NA	NA	NA	0	No	NA	NA	NA	0
Tin	Solder used in plumbing	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Titanium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Total Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No	ND	ND	ND	4	No	ND	ND	ND	2	No	ND	ND	ND	4
Turbidity	Silts and clays in aquifer	5	n/a	NTU	No	ND	ND	ND	6	No	ND	0.50	ND	2	No	ND	0.49	ND	4
Vanadium	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12)																			
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Alachlor OA	Degradation product of Alachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Aldicarb Sulfone	Pesticide used on row crops	2	1	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Aldicarb Sulfoxide	Pesticide used on row crops	4	1	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
1,4-Dioxane	Used in manufacturing processes	*1	n/a	ug/L	No	ND	0.10	ND	8	No	ND	ND	ND	2	No	ND	0.22	0.13	4
Hexazinone	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Metalaxyl	Used as a fungicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Metaolachlor	Used as a soil herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Metolachlor OA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Volatile Organic Compounds																			
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Chlorodifluoromethane	Used as a refrigerant	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Cis-1,2-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	0.38	ND	12
1,2-Dichloroethane	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Ethyl Benzene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Methyl-Tert-Butyl Ether	Gasoline	10	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
o-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
p,m-Xylene	From paint on inside of water storage tank	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Tetrachloroethene	Factories, dry cleaners, spills	5	0	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	0.43	ND	12
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND	1.55	0.54	19	No	ND	ND	ND	10	No	ND	ND	ND	12
Trichlorofluoromethane	Dry cleaning,propellant,fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,2,3-Trichloropropane	Degreasing agent, manufacturing	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No	ND	ND	ND	19	No	ND	ND	ND	10	No	ND	ND	ND	12

Thank you for taking the time to read this report. If you have any questions about the information contained in this report, your drinking water, or the Authority in general, please call our Customer Service Center at 631-698-9500. We will be more than happy to answer your questions. This Drinking Water Quality Report is available at www.scwa.com/DWQR.

Need more information about us? *You may also be interested in attending one of the meetings of the Suffolk County Water Authority Board. Please feel free to attend these meetings, which are generally held at 5:30 p.m. on the last Monday of the month at our headquarters in Oakdale. Additionally, the Suffolk County Department of Health Services Office of Water Resources oversees the SCWA. If you prefer, questions regarding the SCWA and/or this report can be directed to them at 631-852-5810.*

Federal Public Water Supply ID Numbers

Brentwood Water District 5103692
Dering Harbor Water District 5103700
East Farmingdale Water District 5103701
Fair Harbor Water District 5110599
Riverside Water District 5105655
Stony Brook Water District 5103698
Suffolk County Water Authority 5110526

SCWA Offices And Contact Information

Normal business hours, Monday - Friday, 8:30 a.m. - 5:00 p.m.

Administrative Offices
4060 Sunrise Highway Oakdale, NY 11769

Customer Service Center
2045 Route 112, Suite 5, Coram, NY 11727 (631) 698-9500

For the **Hearing Impaired** the
TDD Customer Service Number is **589-5210**

MISSION STATEMENT

"We pledge to provide safe, pure and constantly tested drinking water at the lowest possible cost with exemplary customer service."