

Date: April 2026

To: All OCWA Customers/Consumers

From: Jeffrey D. Brown, Esq., Executive Director
Geoffrey G. Miller, P.E., BCEE, Executive Director of Operations
Sheilla Kincaid, CPA, Chief Financial Officer

Subject: 2025 Consumer Confidence Report

IMPORTANT INFORMATION ABOUT YOUR WATER SUPPLY

OCWA—Central New York's Water Authority ("OCWA" or the "Authority") is pleased to provide our customers and consumers the attached ***Consumer Confidence Report***, also known as the annual drinking water quality report, for the year ending December 31, 2025. Throughout this report, readers will find useful information specifically related to the water delivered to you by OCWA. In addition to notifying our customers of the availability of the report, we continue our practice of providing copies of the report to local libraries and advertising its availability in local print media.

You will find reflected throughout the report that the water delivered to you continues to not only meet prescribed water quality requirements, but in many ways surpasses New York State Department of Health ("NYSDOH") and the United States Environmental Protection Agency's ("USEPA") standards.

2025 once again saw our employees hard at work in many areas to accomplish our mission. We recently completed the second phase of the Lake Ontario water system capital improvement project. This phase focused on renovations and improvements to the Lake Ontario Water Treatment Plant and included work on our water filtration systems, replacement of major equipment, upgrade to the control systems, and major building maintenance work. The third phase started in 2025 and involves replacing the large storage tanks on the Ontario campus including the backwash storage tank and two finished water (referred to as clearwell) storage tanks. The clearwell tanks, part of the original system built in the 1960's, are being replaced to meet new water quality standards and are being sized for future growth coming to Central New York. This phase is scheduled for completion in 2027.

We have also been working on improvements and capacity expansion at our large pump station in the Town of Clay. This pump station conveys Lake Ontario water into our large storage facilities in the eastern and western portions of our system, as well as distributes water into the main part of our system and as needed to the City of Syracuse. These improvements will enhance the reliability of this important facility and improve our ability to support future growth in Central New York.

While we have invested significant efforts in enhancing and expanding our main facilities to prepare us for the growth that is coming in the next few years, we have also continued to significantly reinvest in our five-county water distribution system via several major capital improvement and maintenance projects. This ongoing work helped keep our water system in good operational condition and limit costly service disruptions.

Our ongoing capital reinvestment program in 2025 included replacement and renewal of aging watermains, replacement of numerous hydrants and water services, and improvements to tanks, pump stations, and pressure control facilities.

We are proud to inform you that the second phase of the Lake Ontario Water Treatment Plant project received several awards, including the American Council of Engineering Companies of New York platinum

award in the category of water resources; the American Public Works Association Central Branch and American Public Works Association New York Chapter Environment Project of the Year; and the New York Section of American Water Works Association Project of the Year Award.

We received other awards as well including the Sustainable Water Utility Management Award from the Association of Metropolitan Water Agencies. OCWA first won the award in 2017, and since then we have further enhanced and expanded our sustainability efforts. OCWA received the award based upon several aspects of our operations, including our commitment to employee engagement, introducing OCWA University, an initiative that provides team members with training, wellness, and award programs and fosters a skilled and resilient workforce. We were also recognized for our work on modernizing infrastructure while also improving resiliency and preserving our ability to produce excellent quality water. At the same time, the Authority's commitment to long-term infrastructure investment and sound financial management was reaffirmed with an upgraded bond rating to Aa1, showcasing our fiscal sustainability and highlighting our effective management team.

While our employees continually concentrate on providing high quality, affordable drinking water while improving and expanding our system, we also focus on the "well-being" of our workforce. Our employee-led safety committee continued to meet monthly throughout the year, reviewing policies and procedures and making recommendations on improvements, training, and equipment selection to maintain a safe workplace. These actions once again paid off with OCWA receiving a state-wide safety award from the New York Section of the American Water Works Association.

Our Otisco Lake Water Treatment Plant ("Otisco WTP") continued in 2025 to maintain its Phase III certification under USEPA's Partnership for Safe Water optimization program, with the plant receiving this certification for the 28th straight year. Also in 2025, our Ontario WTP received the USEPA Partnership for Safe Water Phase IV President's Award for fully optimized water treatment facilities for the fourth year while completing its 15th year in the program. The Partnership program supports the Authority and other water utilities in voluntary efforts to achieve greater control and removal of microbial impurities. Our Otisco WTP was the eighth in the nation to be certified under this program. Both treatment plants serve as examples of how OCWA sets and meets higher standards for water quality than are required by state and federal government regulations.

While OCWA completed a lot of work and had many great accomplishments in 2025 we are looking forward and are planning and preparing for the transformational growth and development that is coming with several large industrial, commercial, housing and community centers beginning construction. We are proud to have such a great water system that played a part in our area being selected for these projects and we are preparing for the work required to meet their water needs. Several additional capital projects are in the works to meet these needs.

The Authority experienced a significant transmission break at the end of 2025 and leading into 2026. Through the conservation efforts of our customers and the swift actions of our dedicated workforce, we were able to maintain water service throughout the system.

To learn more about our water system and water supply, you are urged to read the information included in this report. Readers who have questions regarding the report or require additional information can contact our Water Quality Department, by calling 315-455-7061, extension 3141.

OCWA 2025 CONSUMER CONFIDENCE REPORT

PWS ID # NY 3304336

OCWA is a public benefit corporation created by the New York State Legislature in 1951 (and began operating in 1955) in accordance with the Public Authorities Law of the State of New York. The Authority was created to finance, construct, operate, and maintain a water supply and distribution system for the benefit of residents in and around Central New York. We are currently one of the 125 largest public drinking water suppliers in the United States.

The Distribution System map (found on Page 4) shows the typical service area for each of our three water sources. We serve water to residents in five counties. Wholesale and retail areas are included in the distribution system. In the retail areas, we supply the water, maintain the distribution system, and bill customers directly. In the wholesale areas, a municipality or water district buys some or all of its water from us.

Wholesale systems maintain their own distribution and customer billing systems. Some key facts about our operation can be found in the OCWA Statistics table below:

OCWA Statistics:

2025:

Average Daily System Delivery	37.38 Million Gallons
Maximum Daily System Delivery (02/09/25)	45.21 Million Gallons
Total Annual Water Treated by OCWA	13.64 Billion Gallons
Annual Non-revenue Water	2.19 Billion Gallons
Purchased Water from City of Syracuse	0.41 Billion Gallons
Total Water Sold by OCWA	11.04 Billion Gallons

As of December 31, 2025:

Population Served	500,000 Retail, Wholesale, & Emergency
Accounts	107,096
Miles of Water Main	2,227
Number of Hydrants	14,324
Storage Facilities	63
Pumping Facilities	49

The residential user charge is based on a quarterly base system fee plus a usage rate for water used. In 2025, residential users were billed \$47.04 for the quarterly base system fee, plus \$3.77 per 1,000 gallons for the first 10,000 gallons used. A detailed description and charges for other customers can be found on our website.

For a more detailed explanation of water sources and the treatment processes employed by OCWA and our one wholesale water provider (City of Syracuse Water Department), please see pages 5 and 6.

For questions about this report, or questions in general related to your water or water supply, a list of phone numbers and contacts can be found on Page 29 of this report.

Quality - How do you know your water is safe?

Drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. Under the Safe Drinking Water Act ("SDWA"), the United States Environmental Protection Agency ("USEPA") sets national limits on contaminant levels to ensure the safety of your drinking water. These limits are known as Maximum Contaminant Levels ("MCLs"). For some contaminants, the monitoring techniques may be unreliable, too expensive, or too difficult to perform. In these cases, the USEPA establishes treatment technique requirements instead of an MCL. If it cannot be determined that a contaminant is absent, systems operate as if it is present and provide the necessary treatment to produce safe drinking water. USEPA regulations also specify testing and reporting requirements for each contaminant. Something many drinking water regulations have in common is a requirement to notify the public if there is a regulation violation. If a regulation is violated the supplier is required to inform the consumers being served by the system. USEPA also requires water suppliers to monitor unregulated contaminants to provide occurrence data for future regulations.

USEPA has established regulations for 88 individual contaminants. These include: 8 microbiological contaminants, 4 radionuclides, 16 inorganic chemicals, 53 organic chemicals, 3 disinfectants, and 4 disinfection byproducts. The SDWA requires USEPA to review and revise each regulation on a regular basis. For example, the MCL for trihalomethanes was lowered from 100 to 80 ug/L (parts per billion) as part of a review completed in 1997. USEPA is also required to consider at least five new contaminants for regulation every five years.

In New York, the New York State Department of Health ("NYSDOH") is responsible for enforcing USEPA regulations. New York State has the option to implement alternative regulations when the alternative is equivalent to or more stringent than USEPA's regulation. In Onondaga County, due to the strength of the local unit, the State Health Department has delegated its primary enforcement and surveillance activities to the Onondaga County Health Department. The County Health Department reviews and approves all treatment plant and distribution system modifications, as well as new construction. It also reviews all our operating and monitoring data for compliance each month. We take a similar, cooperative approach with the Health Departments in Oswego, Oneida, Madison, and Cayuga counties.

We use a combination of internal and external laboratories to conduct over 20,500 tests during a typical year. We operate three state certified testing laboratories: one at our Otisco Water Treatment Plant ("Otisco WTP"), one at our Ontario Water Treatment Plant ("Ontario WTP"), and one at our headquarters building in North Syracuse. We also utilize several outside certified testing laboratories, including PACE Analytical, Eurofins Eaton Analytical, and Upstate Freshwater Institute.

Our raw water monitoring programs are specifically designed to address concerns about Otisco Lake and Lake Ontario as they serve as our main sources of supply. In both lakes, raw water intakes extend from a mile to a mile and a half out into the lakes to minimize the effects of near shore currents and run-off. Lab results consistently confirm that levels of organic compounds and heavy metals do not exceed the applicable MCLs. Generally, unfiltered water-quality remains high for both Otisco Lake and Lake Ontario. Both sources are monitored more frequently, and for a wider range of compounds, than required by state and federal law.

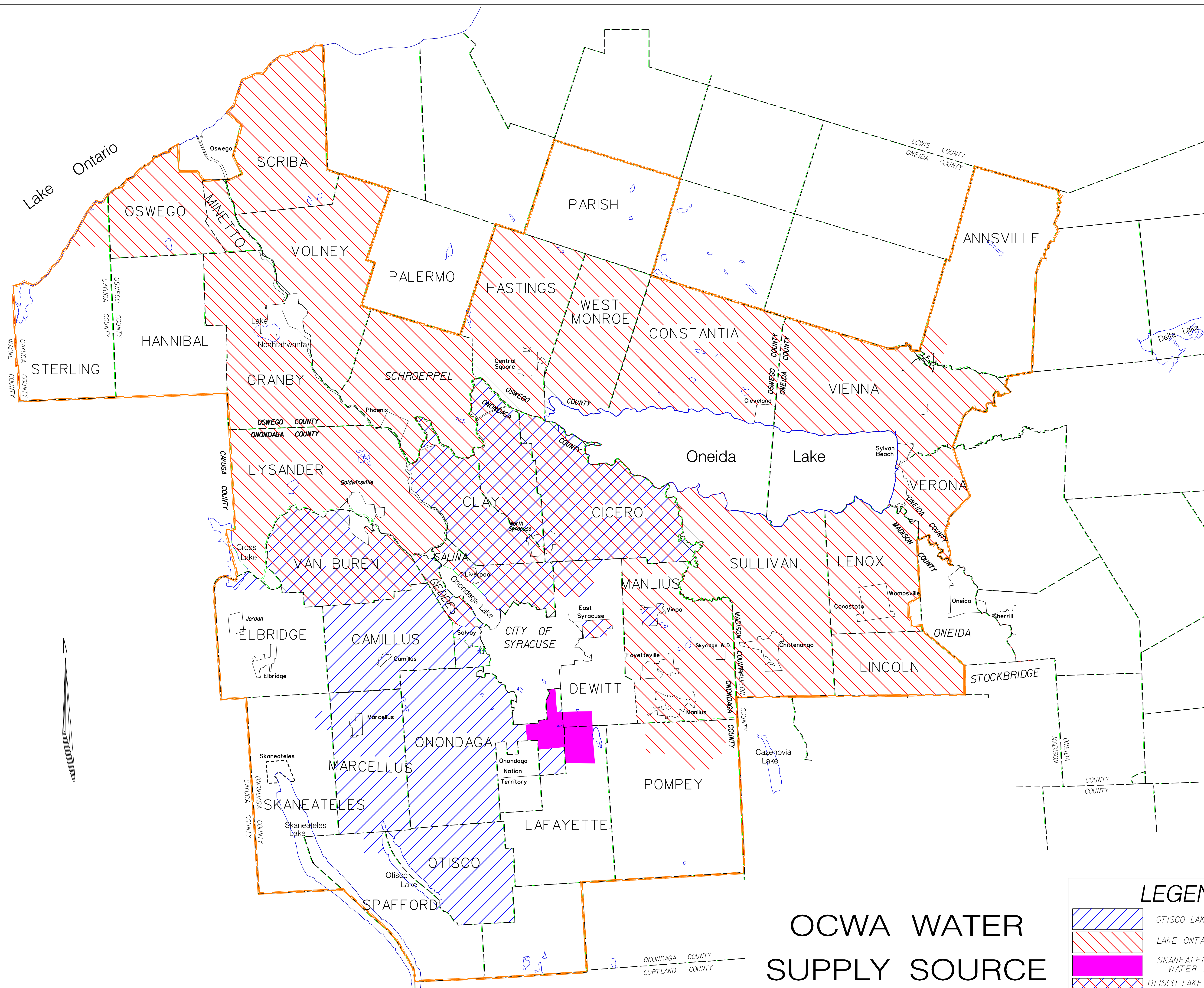
Importantly, the same degree of caution applied to your tap water source should be used in selecting a bottled water supplier. To that end, a list of certified bottled waters for sale in New York (along with their sources) can be obtained from NYSDOH by calling 1-800-458-1158.

Additional information on contaminants and potential health effects can be obtained by calling USEPA's "Safe Drinking Water Information Helpline" at 1-800-426-4791.

WATER SOURCES **FOR TOWNS & VILLAGES SERVED**

<u>COUNTY:</u>	<u>TOWNS / CITIES:</u>	<u>WATER SOURCE:</u>	<u>VILLAGES:</u>	<u>WATER SOURCE:</u>
ONONDAGA:	CAMILLUS	OTISCO	BALDWINSVILLE	ONTARIO***
	CICERO	OTISCO / ONTARIO	CAMILLUS	OTISCO
	CLAY	OTISCO / ONTARIO	E. SYRACUSE	OTISCO/ONTARIO
	DEWITT	OTISCO / ONTARIO / SKANEATELES	FAYETTEVILLE	ONTARIO
	ELBRIDGE	OTISCO	LIVERPOOL	OTISCO/ONTARIO
	GEDDES	OTISCO / ONTARIO / SKANEATELES	MANLIUS	ONTARIO
	LAFAYETTE	SKANEATELES	MARCELLUS	OTISCO
	LYSANDER	ONTARIO	MINOA	OTISCO/ONTARIO
	MANLIUS	ONTARIO / SKYRIDGE WELLS	N. SYRACUSE	OTISCO/ONTARIO
	MARCELLUS	OTISCO	SOLVAY	OTISCO
	ONONDAGA	OTISCO / SKANEATELES		
	OTISCO	OTISCO		
	POMPEY	ONTARIO		
	SALINA	OTISCO / ONTARIO		
	SKANEATELES	OTISCO		
	SPAFFORD	OTISCO		
	SYRACUSE	OTISCO / ONTARIO***		
	VAN BUREN	OTISCO / ONTARIO		
MADISON:	LENOX	ONTARIO	CANASTOTA	ONTARIO
	LINCOLN	ONTARIO		
	SULLIVAN	ONTARIO	CHITTENANGO	ONTARIO
	ONEIDA (City)	ONTARIO ***		
ONEIDA:	VERONA	ONTARIO	SYLVAN BEACH	ONTARIO
	VIENNA	ONTARIO		
	ANNSVILLE	ONTARIO		
OSWEGO:	FULTON	ONTARIO ***	CENTRAL SQUARE	ONTARIO
	GRANBY	ONTARIO	PHOENIX	ONTARIO
	CONSTANTIA	ONTARIO		
	HANINBAL	ONTARIO		
	HASTINGS	ONTARIO		
	OSWEGO (Town)	ONTARIO		
	OSWEGO (City)	ONTARIO***		
	SCHROEPPPEL	ONTARIO		
	WEST MONROE	ONTARIO		
	VOLNEY	ONTARIO		
	MINETTO	ONTARIO		
	SCRIBA	ONTARIO ***		
CAYUGA:	STERLING	ONTARIO		

*** Emergency Connection Only



OCWA WATER SUPPLY SOURCE

UPDATED 2-10-25

LEGEND	
	OTISCO LAKE WATER SUPPLY
	LAKE ONTARIO WATER SUPPLY
	SKANEATELES LAKE WATER SUPPLY
	OTISCO LAKE AND ONTARIO LAKE COMBINED SUPPLY

Water Sources and Treatment

Our customers receive water that originates from Otisco Lake, Lake Ontario, and/or Skaneateles Lake depending on their geographic location and changes in seasonal demand. In December of 2025, due to a major transmission break, customers residing in Canastota and Lincoln temporarily received water originating from Florence Creek provided by Oneida Water Department. In 2025, we supplied on average 37.38 million gallons per day to approximately 98,400 residential accounts located in suburban Onondaga County, and parts of Madison, Oneida, Oswego, and Cayuga counties. We also supply water daily to 49 industrial customers and five municipal wholesale water accounts. In addition, we supply water on an intermittent or emergency basis to seven additional municipal water systems.

In 2025, on average 16.49 million gallons per day, or 44.1 % of OCWA's water supply, came from Otisco Lake, the easternmost and smallest Finger Lake. The customers receiving water originating from Otisco Lake are mostly located in the southern and western half of Onondaga County.

Our Otisco WTP has two intake pipes located in Otisco Lake. The water entering these pipes is immediately disinfected with either sodium hypochlorite or chlorine dioxide to discourage the growth of zebra mussels. The water then travels, by gravity, approximately five miles to our Otisco WTP located in Marcellus, NY. Water first enters the rapid mix tank where a coagulant (polyaluminum chloride) is added. After 30 seconds of mixing, the water enters contact basins where the calm conditions allow the coagulant to make the small particles adhere together, forming larger particles. Some of these particles settle and are cleaned out later. The contact time in these basins also allows powdered activated carbon (used only when needed) to adsorb organic taste and odor. After about one hour of contact time, the water next enters the filters. Particles are removed as the water passes through one of six multimedia filters. These filters consist of granular activated carbon, silica-sand, and hi-density sand. The filters are washed when needed and the water used to do this is collected in lagoons and allowed to settle. It is then recycled back to the start of the treatment plant to be treated again. After filtration, the water is again disinfected with sodium hypochlorite and fluoride is added. The water is stored in large tanks located at the treatment plant to provide adequate contact time for chlorine to disinfect any microbial contaminants. Once the water leaves the tanks, orthophosphate is added for corrosion control, or to prevent the leaching of lead and copper from pipes into your water.

We also treat and deliver water from Lake Ontario via Ontario WTP. In 2025, on average 19.74 million gallons per day, or 52.8 % of our water supply, came from Lake Ontario. Customers receiving water originating from Lake Ontario are mostly located in the northern and eastern half of Onondaga County. Customers in Oswego, Madison, Oneida, and Cayuga counties receive all their water from Lake Ontario.

Our Ontario WTP pumps water from Lake Ontario through a seven-foot diameter intake it shares with the City of Oswego. Upon entering the raw water pumping station, lake water is treated with carbon dioxide to suppress pH thereby increasing the effectiveness of chemical coagulation. Potassium permanganate is applied seasonally to the water for taste and odor control and for pre-oxidation. The water is then pumped approximately two miles to our Ontario WTP. Water entering the plant is treated with sodium hypochlorite (disinfectant) and polyaluminum chloride (coagulant) and then flash mixed. The water next enters three contact basins where slow mixing allows small particles to accumulate and form larger, more readily filtered particles. After about two hours of contact time, the water flows into dual media filters consisting of granular activated carbon and filter sand whereby particulate contaminants are removed. After filtration, three treatments are applied: fluoride to reduce tooth decay, sodium hypochlorite to disinfect, and sodium hydroxide for corrosion control.

The City of Syracuse Water Department is responsible for treating and delivering water originating from Skaneateles Lake. In 2025, on average 1.12 million gallons per day, or 3.0 % of our water supply, came from Skaneateles Lake. The water was purchased from the City of Syracuse Water Department through various supply connections. We use this water to supplement areas close to the city boundary when needed. Our customers living in Nedrow, Southwood, and the Jamesville area get their water from Skaneateles Lake exclusively.

The City of Syracuse does not filter the water from its intakes located in Skaneateles Lake because it has been granted a waiver to provide its customers with unfiltered water, subject to strict conditions set by the NYSDOH. These conditions include water quality monitoring, backup disinfection, and watershed protection. The City of Syracuse water plant, located in the Village of Skaneateles, is where the water is disinfected with chlorine and fluoride is added. Water then flows by gravity into the City's storage reservoirs. Orthophosphate is added to the water (for corrosion control) as it leaves the reservoirs, and it is disinfected again by the addition of sodium hypochlorite. In 2013, an Ultraviolet Light Treatment Facility was put into operation at the City's Westcott Reservoir. Another UV Light Treatment Facility at the City's Woodland Reservoir was added in April 2014. Ultraviolet disinfection allows the City to strengthen protection against microbial contaminants, especially targeting cryptosporidium.

The Oneida Water Department utilizes a surface water source from Glenmore Reservoir located on Florence Creek. In 2025 OCWA supplemented its distribution system with 7.92 million gallons of water from the Oneida Water Department. They treat the source water in a conventional flocculation/sedimentation facility. After chemical addition, contact and filtration, chlorination is used to provide sufficient chlorine to kill any pathogens that may still be present. Zinc orthophosphate is added to the distribution system as a corrosion inhibitor. Water quality data for the Oneida Water Department can be found on pages 22 - 23 of this report.

The first step in any water treatment process is to protect the source. At OCWA, we have ongoing watershed protection programs in place. These programs are carried out in cooperation with the State and Onondaga County Departments of Health. In addition, we monitor lake conditions at regular intervals prior to treatment. The City of Syracuse also has ongoing watershed protection programs, and it monitors lake conditions at regular intervals prior to treatment.

The NYSDOH completes Source Water Assessments to better recognize potential sources of contaminants for every water source used throughout the State. This assessment, as it relates to OCWA, can be found in this report under the **SWAP Summary for OCWA** on Page 7.

Sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. 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 from human activities. Contaminants that may be present in source water are microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. To ensure that water is safe to drink, NYSDOH and USEPA prescribe regulations which limit the level of certain contaminants in water provided by public water systems. The State Health Department and the US Food and Drug Administration's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Source Water Assessment Program (“SWAP”) Summary

NYSDOH has evaluated our susceptibility to contamination under the Source Water Assessment Program (“SWAP”), and the agency’s findings are summarized in the paragraphs below. It is important to stress that these assessments were created using the information available and only estimate the potential for source water contamination. Elevated susceptibility ratings do not mean that source water contamination has or will occur. We provide treatment and regular monitoring to ensure that the drinking water we deliver to consumers meets all applicable standards.

Otisco Lake Source:

This assessment found a moderate susceptibility to contamination of our Otisco Lake source of drinking water. The amount of row crops in the assessment area results in a medium susceptibility to pesticides. Importantly, no permitted discharges are found in the assessment area.

There is also susceptibility of contamination to phosphorus associated with one discrete contaminant source, mines. While lakes are not generally considered to have a high natural sensitivity to phosphorus in SWAP, Otisco Lake can have problems with algae. Therefore, additional phosphorus contribution would likely result in further water quality degradation.

Lake Ontario Source:

The Great Lakes’ watershed is exceptionally large and too big for a detailed SWAP evaluation. General drinking water concerns for public water supplies from a large source can include storm generated turbidity, wastewater, toxic sediments, shipping related spills, and problems associated with exotic species (e.g., zebra mussels). The summary below is based on the analysis of the contaminant inventory compiled for the drainage area deemed most likely to impact drinking water quality at OCWA’s public water system intake.

According to the assessment, there is a moderate susceptibility to contamination in this source of drinking water.

The number of agricultural lands in the assessment area results in elevated potential for pesticides contamination. Non-sanitary waste may also increase contamination potential. Furthermore, there is a noteworthy contamination susceptibility associated with other discrete contaminant sources, and these facility types include mines.

Skaneateles Lake Source (water purchased from the City of Syracuse):

According to the assessment, there is a moderate susceptibility to contamination in this source of drinking water. The amount of pasture in the assessment area results in a high potential for protozoa contamination. No permitted discharges are found in the assessment area. There are no likely contamination threats associated with other discrete contaminant sources, even though some facilities were found in low densities.

Frequently Asked Questions

Does my water contain fluoride?

Yes, OCWA water is fluoridated to a target concentration of 0.7 mg/l.

OCWA is required to fluoridate by the Onondaga County Health Department, and we strive to stay within one tenth of 0.7 mg/l.

What is the pH of my water?

Our water's pH is 7.1 to 8.7, which is slightly basic. Alkalinity varies by source and ranges from 95 mg/l to 140 mg/l (CaCO₃)

Is my water hard or soft?

The hardness of our water ranges from 115 to 190 ppm. That is equal to about 6 to 11 grains per gallon, which is considered moderately hard. Hardness is a measurement of calcium carbonate in the water and is not a health concern.

Will having a water softener installed improve the water quality in my home?

No, softening does not improve the sanitary quality of water. Softeners mostly remove calcium carbonate. They will stop 'spotting' or 'scaling' which may occur on certain surfaces, and under certain conditions, when water puddles or droplets are allowed to evaporate. Water softeners may increase water usage because it takes more soft water to rinse away soap. Softening is ultimately a matter of personal preference.

What can I do about dirty or rusty water?

Water that is dirty or rusty can be caused by changes in flow inside the pipes. Usually, this is due to a sudden increase in flow but also can be due to a change of direction. Leaks, hydrant usage, or changes in valve positioning can cause these problems. If the problem doesn't clear up in a short period of time, call us and we will try to help. We will investigate and attempt to correct the cause of the problem, including by flushing our piping if necessary. You may also then be instructed to flush the piping in your own home.

What about taste or odor problems?

Algae most commonly causes tastes and odors that may be classified as: earthy, musty, grassy, or fishy. At our Otisco and Ontario WTPs, water is filtered through granular activated carbon. At times, powdered activated carbon is also added to absorb the offensive tastes and odors, and then the carbon and algae are both filtered out. Algae blooms are common in the warm and sunny months, and the carbon dosage is always being monitored and adjusted. Occasionally, some tastes and odors do get through. Customer complaints about taste and odor are taken seriously. Tastes and odors originating from algae have no adverse health effects.

What about chlorine taste and odor?

Chlorine dissipates as it travels through a pipeline. In order to ensure that customers living far from a treatment plant get water that is adequately disinfected, the dosage of chlorine received by customers living close to the plant is slightly higher. We try to accommodate everyone, but in the case of a person very sensitive to chlorine living very close to a treatment facility, this may not be possible. Chlorine can be reduced simply by letting a pitcher of water stand overnight in the refrigerator or by running water through an activated carbon filter. Activated carbon filters, if used, need to be replaced regularly as old filters may promote bacterial growth.

Why does my water look cloudy/white?

Cloudy and/or white water is generally due to excess air in the lines. Letting a cold-water tap run for 15-30 minutes will often resolve this issue. Air in the lines does not present a health or safety issue.

Cryptosporidium and Giardia:

New York State law requires water suppliers to notify their customers about the risks of cryptosporidium and giardia, which are intestinal illnesses caused by these microscopic parasites. These pathogens are of concern because they are found in surface water and ground water under the influence of surface water throughout the United States. Filtration and disinfection are the best methods to use against these pathogens, but 100% removal or inactivation cannot be guaranteed. Symptoms of infection from cryptosporidium and giardia include nausea, diarrhea, and cramps. Most healthy people can overcome the disease within a few weeks.

USEPA's Surface Water Treatment Rule ("SWTR") established water treatment standards specifically designed to ensure the removal or deactivation of cryptosporidium, giardia, and other microbial contaminants. USEPA is currently working on enhancing these standards to further ensure protection against exposure to cryptosporidium from drinking water. Our Otisco and Ontario WTPs are in full compliance with all current operational, monitoring, and reporting requirements.

In addition, our internal performance standards are more stringent than the law currently requires. For example, the SWTR requires a treatment plant's combined filter effluent water turbidity (a measure of clarity used to check filtration particulate removal) to be less than 0.30 NTUs 95% of the time. In 2025, our Otisco WTP's combined filter effluent turbidity was less than 0.06 NTUs 95% of the time based on continuous four-hour sampling intervals. Our Ontario WTP's combined filter effluent turbidity in 2025 averaged less than 0.06 NTUs 95% of the time, again based on four-hour sampling intervals. Cryptosporidium regulations contain improved filtration performance requirements to ensure removal of any protozoans that may be present. Part of the enhanced filtration requirements involve lowering the turbidity criteria from 0.50 NTU to the 0.30 NTU range. Both of our treatment plants are achieving turbidity results much lower than the regulated levels.

The City of Syracuse has been granted a waiver from the NYSDOH to provide unfiltered water to its customers. As part of the strict monitoring conditions associated with the waiver, the City of Syracuse Water Department must monitor for cryptosporidium and giardia. A total of 24 samples from Skaneateles Lake (one each month from each of the two intakes) were collected and tested for cryptosporidium and giardia. Neither cryptosporidium nor giardia were detected in any of the City of Syracuse's raw water samples.

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 people, and infants can be particularly at risk from infections. These individuals should seek advice from their health care provider about their drinking water. USEPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium, giardia, and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

Individuals who think they may have cryptosporidiosis or giardiasis should contact their health care provider immediately. For additional information on cryptosporidiosis or giardiasis you may contact the Onondaga County Health Department at 421 Montgomery St., 12th Floor, Syracuse, NY 13202 or by calling 315-435-6600.

Pharmaceuticals and Personal Care Products in Drinking Water

In 2008, the Associated Press released a three-part story on pharmaceuticals and personal care products in drinking water sources. While OCWA was not one of the systems covered by the story, the article did provoke further discussion and action internally. Accordingly, in 2008 we implemented an annual testing program to learn more about potential pharmaceutical and personal care product contaminants that might be found in our Otisco Lake and Lake Ontario water supplies.

While none of us want to find any contaminants in our drinking water, it is important to begin the process of gathering occurrence data to allow researchers to target the more commonly found contaminants. As such, we have continued to collect data related to pharmaceuticals and personal care products in water and have continued our process of sharing the data with both researchers and consumers.

To learn more about the test results and related information, you can visit our web site (www.ocwa.org). Click on the Water Quality tab across the top of the page and scroll down to the Pharmaceuticals and Personal Care Products in Drinking Water. Anyone who has questions about the results, or any of the other water quality reports posted on our web site, is encouraged to contact our Water Quality Department at 315-455-7061, extension 3141.

Medication disposal: To help safeguard water quality, discard your medications in the trash, rather than dumping down sink or toilet. For more information on proper disposal and drop-off locations for pharmaceuticals, please visit: <https://www.dec.ny.gov/chemical/67720.html>.

General Information related to Pharmaceuticals and Other Emerging Contaminants

Pharmaceuticals and personal care products, known in the water industry as PPCPs, are a group of compounds consisting of human and veterinary drugs (prescription or over the counter) and consumer products, such as fragrances, lotions, sunscreen, and housecleaning products. These compounds have been detected in trace amounts in surface water, drinking water and wastewater effluent sampling because water professionals have the technology today to detect more substances, at lower levels, than ever before.

Many PPCP compounds are found at extremely low levels, typically single digit parts per trillion (ppt). Drinking water standards are typically set in the parts per-billion range, which is 1,000 times higher. The fact that a substance is detectable in drinking water does not mean the substance is harmful to humans.

However, the water community is committed to protecting the public's health. Water professionals are examining the occurrence of PPCPs in drinking-water supplies and the effectiveness of current treatment techniques for removal. They are also paying close attention to health-effects research in this area, including research conducted by the Water Research Foundation.

Every five years the USEPA implements the Unregulated Contaminant Monitoring Rule (UCMR). The purpose of the UCMR is to collect data from across the country on emerging contaminants that may be present in drinking water and could potentially cause health risks. As a result of past monitoring, regulations for some of these compounds are now in effect.

USEPA and New York State consider certain so-called emerging contaminants such as per- and polyfluoroalkyl substances (PFA's) and 1,4-dioxane to be important environmental contaminants. These contaminants are a group of man-made compounds which persist in the environment. Some of these compounds were included in the Unregulated Contaminant Monitoring Rule (UCMR) 3 Sampling in 2014-2015 and are now part of the required annual monitoring for drinking water.

Lead in Drinking Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. OCWA is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components and fixtures. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two 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. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www USEPA.gov/safewater/lead>.

Additional Facts on Lead

Lead is a naturally occurring metal that for most of the 20th century was used regularly as a component of paint, piping (including water service lines), solder (a metal used by plumbers to hold piping together), brass, and until the 1980s, as a gasoline additive. We no longer use lead in many of these products, but older products – such as paints and plumbing fixtures in older houses – can still contain lead. USEPA and the U.S. Centers for Disease Control (CDC) report that lead paint (and the contaminated dust and soil it generates) is the leading source of lead exposure in older housing.

While lead is rarely present in water coming from a treatment plant, it can enter tap water through corrosion of some plumbing materials and fixtures. In recent years, several aggressive and successful steps have been taken to reduce the occurrence of lead in drinking water.

In 1986, Congress amended the national Safe Drinking Water Act to prohibit the use of pipe, solder, or flux containing high lead levels. The Lead Contamination Control Act of 1988 led schools and day-care centers to repair or remove water coolers with lead-lined tanks. USEPA provided guidance to inform and facilitate their action.

As the result of the implementation of the Lead and Copper Rule in 1991, many community drinking water systems are required to actively manage the corrosivity of water distributed to customers. In addition, community water systems conduct routine monitoring at selected houses with lead service lines and lead solder. If more than 10 percent of the homes tested have elevated lead levels (defined as more than 15 parts per billion), water providers must notify their consumers via several means. They must also take steps to reduce the problem, including improving corrosion control and possibly replacing lead service lines that contribute to lead contamination.

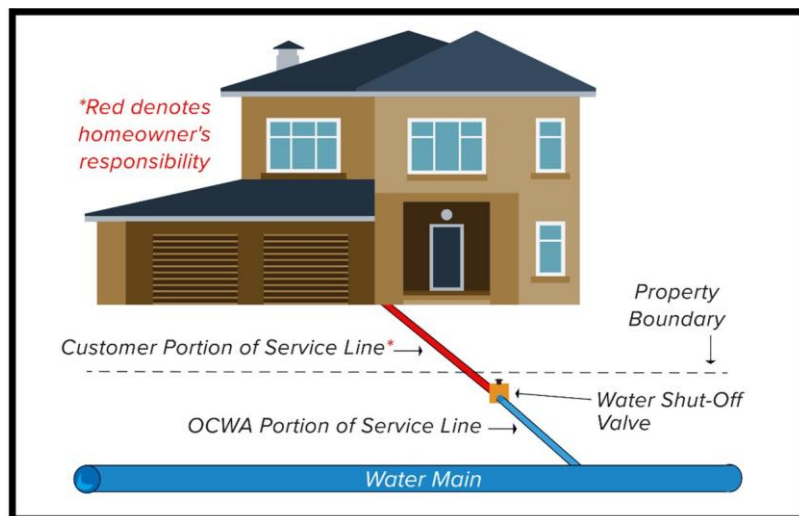
In December 2021, USEPA announced the development of a new regulation, the Lead and Copper Rule Improvements (“LCRI”), to better protect communities from exposure to lead in drinking water. They have mandated a compliance date of October 16, 2024, by which all public water utilities must have Lead Service Line Inventories made available for consumers. OCWA’s Lead Service Line Inventory can be found on our website at www.ocwa.org.

You can’t see, smell, or taste lead in your water. ***Testing at the tap is the only way to measure the lead levels in your home or workplace.*** If you choose to have your tap water tested, be sure to use a properly certified laboratory. Testing usually costs between \$20 and \$100. If you currently have a lead service line, we provide a free, one-time test after inspecting and confirming that the service line is lead. Please contact our Water Quality Manager at 315-455-7061 extension 3141 for more information.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER SERVICE LINE

This notice contains important information about your drinking water. Please share this information with anyone who drinks and/or cooks using tap water.

OCWA – Central New York’s Water Authority – has not yet identified the construction material of all the water service lines in our distribution system. There is the potential that some or all of the water service line could be made of lead, or galvanized pipe that was previously connected to lead. People living in homes with a lead or galvanized pipe previously connected to a lead service line have an increased risk of exposure to lead from their drinking water.



Customers can view the construction material of the water service line to their property on our website at <https://www.ocwa.org/service-material-inventory-map/>, or by scanning the QR code shown here below. Enter your address into the *Service Line Inventory Map* address search box and click on the search icon to view your property location. Then click on the circle icon at your location to view the water service line information OCWA has on record.

QR Code
(Link to Service Line
Inventory Map)



How to inform OCWA of your service line construction material

Go to OCWA's Lead Program webpage at www.ocwa.org/lead, and there you will find instructions on how to determine your water service line material. Please take color photos of the water service pipe where it comes into your home/building and the portion up to the meter. Then simply fill out the online form along with the photos, under the "Submit service line material" button. ***If you would like assistance in determining your water service line material, you can call OCWA at 315-455-7061 ext. 3139 to schedule a 5-minute home visit by an OCWA employee.***

Replacing lead/galvanized service lines

OCWA is in the process of replacing our portion of lead service lines and will continue until all of the lines are replaced. We do not currently have internal funding for customer-side replacements; however, we will continue our efforts to secure funding.

We are required to replace our portion of a lead service line when a property owner notifies us that they are replacing their portion of the service. Please contact OCWA before replacing your portion at 315-455-7061, ext. 3139, so that we can coordinate the replacement of our side (if necessary) and update our records.

Health effects of lead

Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

Steps you can take to reduce lead in drinking water

Clean your aerator. Regularly remove and clean your faucet's screen (also known as an aerator). Sediment, debris, and lead particles can collect in your aerator. If lead particles are caught in the aerator, lead can get into your water.

Use cold water. Do not use hot water from the tap for drinking, cooking, or making baby formula as lead dissolves more easily into hot water. Boiling water does not remove lead from water.

Run your water. The more time water has been sitting in service line pipes, the more lead it may contain. Before drinking, flush your home's pipes by running the tap, taking a shower, doing laundry, or doing a load of dishes. The amount of time to run the water will depend on the length and diameter of the service line and the amount of plumbing in your home or building.

Use Point of Use Lead Removing Filters. Using a certified filter can reduce lead in drinking water. If you use a filter, it should be certified to remove lead. Visit the United States Environmental Protection Agency (EPA) website (address below) to access consumer resources regarding the use of filters and the identification of properly certified filters.

Learn about construction in your neighborhood. Contact us at 315-455-7061 ext. 3139 to find out about any construction or maintenance work that could disturb your service line. Construction may cause more lead to be released from a lead service line if present.

Have your water tested. If your water service line is verified by OCWA to be constructed of lead or of galvanized material that requires replacement, OCWA will test to check your tap water for lead. Alternatively, you can contact a certified laboratory. Testing may cost from \$20 to \$100 per tap. A list of certified laboratories can be found at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>.

Consider getting your child tested to determine lead levels in their blood

Medical professionals can perform a blood test for lead and provide information about the health effects of lead. Although there is no confirmation of having a lead service line, you may wish to speak with a healthcare provider to see if your child's blood lead level is elevated.

Other Resources

Visit the EPA's lead website at <http://www.epa.gov/lead> for more information and resources.

Local County Departments of Health Contacts:

- Onondaga County Health Department - 315-435-6600 PHEng@ongov.net
- Oswego County Health Department - 315-349-3557 healthdepartment@oswegocounty.com
- Madison County Health Department - 315-366-2361 health@madisoncounty.ny.gov
- Oneida County Health Department - 315-798-5064 environmentalhealth@ocgov.net
- Cayuga County Health Department - 315-253-1560 cchealth@cayugacounty.us

For more information on OCWA's lead program, please visit our website at www.ocwa.org/lead.



QR Code
(Link to OCWA's
lead program page)

Table of Detected Contaminants Lead & Copper in the Distribution System

Contaminant	Sample Source	Violation Yes/No	Date(s) of Sampling	Average Level found (Range)	90th Percentile Value	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Copper	OCWA Distribution System	No	June 2025	0.069 (<0.002-0.420)	0.178	mg/L	0	AL = 1.3* mg/l	Corrosion of household plumbing systems; Erosion of natural deposits. Leaching from wood preservatives.
Lead	OCWA Distribution System	No	June 2025	4.73 (< 1.0 - 91.7)	6.8	µg/l	0	AL = 15* µg/l	Corrosion of household plumbing systems; Erosion of natural deposits.

*AL (Action Level) – Only 10% of samples can exceed this level.

About Lead and Copper: To deter the leaching of lead and/or copper from our customers' pipes, OCWA has been mandated to implement corrosion control. The method of corrosion control used on waters originating from Otisco and Skaneateles lakes is the addition of orthophosphate. The adjustment of pH is the method used for water from Lake Ontario. OCWA is required to sample for lead and copper to make sure our corrosion controls are effective. The latest sampling period was in June of 2025. OCWA will sample again in 2026.

90th Percentile Values for Lead & Copper: The values reported for lead and copper represent the 90th percentile. The 90th percentile value is the concentration that 90% of the taps sampled were at or below. Since the action level for lead is 15 µg/l, 90% of the taps tested had to be at or below this value. The above chart shows that 90% of the taps tested were at or below 6.8 µg/l in June of 2025. The action level for copper is 1.3 mg/l. The observed 90th percentile for copper was 0.178 mg/l for the same time period. The above chart shows that that 90% of the taps tested were at or below this value. The testing showed that OCWA's methods of corrosion control were effective.

EDUCATIONAL INFORMATION ABOUT LEAD:

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. OCWA is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact Alexandra Misiaczek at 315-455-7061 EXT. 3141. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>

Table of Detected Contaminants Turbidity at Entry Point

Contaminant	Water Source	Violation Yes/ No	Sampling Frequency (date of highest reading)	Average Level (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Lowest % of Monthly tests meeting limit	Likely Source of Contamination
Turbidity	Otisco	No	Every 4 hrs (07/30/25)	0.05 (0.03 - 0.08)	NTU	N/A	TT = 0.3 NTU for systems that filter	100%	Soil run off
	Ontario	No	Every 4 hrs (02/24/25)	0.05 (0.020 - 0.296)	NTU	N/A	TT = 0.3 NTU for systems that filter	100%	
	Skaneateles	No*	Every 4 hrs (10/20/25)	0.59 (0.11 - 7.03)	NTU	N/A	TT = 5.0 NTU for systems that do not filter	N/A	

About Turbidity:

Turbidity is a measure of the cloudiness of water. Turbidity is monitored because it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfectants. Treatment plants that filter also measure it because it is a good indicator of filter efficiency. Otisco Lake and Lake Ontario waters are filtered. As explained above, Skaneateles Lake water is not.

OCWA customers get their water from one of three sources. Water may originate from Otisco Lake, Lake Ontario, or Skaneateles Lake, which is treated by the Syracuse Water Department and sold to OCWA. Customers may also get a mixture of these waters.

Water purveyors are required to measure turbidity as water leaves the treatment facilities.

OCWA's highest single turbidity measurement during 2025 at the Otisco WTP occurred on 7/30/2025 (0.08 Nephelometric Turbidity Unit (NTU)). Our highest single turbidity measurement for the year at the Ontario WTP occurred on 2/24/25 (0.296 NTU). State regulations require that turbidity must always be less than or equal to 1.0 NTU and that 95% of the turbidity samples collected must be below 0.3 NTU. The levels recorded at both treatment plants were all below these regulatory standards.

*Treatment Technique/MCL Violation for Turbidity:

Treatment Technique Violation (1 day exceedance recorded on four-hour intervals); There were no Treatment Technique Violations in 2025.

MCL Violation (2 day exceedance recorded on four-hour intervals); There were no MCL Violations in 2025.

Health Effects of Turbidity: Turbidity has no known health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may also indicate the presence of disease-causing organisms. These organisms can include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. See page 9 for more information about cryptosporidium and giardia.

Table of Detected Contaminants Bacteria Found in the Distribution System

Contaminant	Sample Source	Violation Yes/ No	Date(s) of Sampling in 2025	Month with Highest % positive samples	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Total Coliform Bacteria*	OCWA Distribution System	No	approx. 80 per week	May 0.31 % (1 out of 322)	N/A	0	> 5 % Positive samples in any month	Naturally present in the environment

*Whenever a positive sample for total coliform is found, the sample is further tested for the presence of E.coli, and three additional resamples are collected. OCWA regularly samples about 80 sites per week located throughout our distribution system. We test these sites for both bacteria and disinfectant residual to ensure our water is of a safe and sanitary quality.

Disinfectant & Disinfection By-products Found in the Distribution System

Contaminant	Sample Source	Violation Yes/ No	Date(s) of Sampling in 2025	Level Found (Range)**	Units Measured	MCLG	Regulatory Limit (MCL, TT, AL, or MRDL)	Likely Source of Contamination
Chlorine Residual	OCWA Distribution System	No	approx. 80 per week	0.53 (< 0.05 - 2.18)	mg/l	N/A (MRDLG)	4 (MRDL)	Added to water to kill harmful bacteria and to prevent the regrowth of bacteria
Chlorite	OCWA Distribution System	No	Monthly; April to December	0.156 (< 0.01 - 0.23)	mg/l	N/A	1	By-product of drinking water disinfection at plant using chlorine dioxide.
Total Trihalo Methanes ***	OCWA Distribution System	No	Quarterly; Feb, May Aug, Dec	40.2 (17.7 - 64.7)	ug/l	N/A	80	By-product of drinking water chlorination. TTHMs form when source water contains large amounts of organic matter.
Haloacetic Acids****	OCWA Distribution System	No	Quarterly; Feb, May Aug, Dec	17.3 (5.4 - 26.9)	ug/l	N/A	60	By-product of drinking water chlorination.

Disinfection by-products: During disinfection, certain by-products form as a result of chlorine reacting with naturally occurring organic matter. The disinfection process is carefully monitored so that disinfection is effective, while levels of disinfection by-products are kept as low as possible. Total Trihalomethanes (TTHMs) and Haloacetic acids (HAAs) are classes of chemicals that OCWA is required to monitor in its distribution system.

**The reported "Level Found" for trihalomethanes and haloacetic acids is the highest recorded quarterly running annual average across all of OCWA's disinfection by-product sampling locations

***See 'Terms & Abbreviations' for the listing of total trihalomethane contaminants

****See 'Terms & Abbreviations' for the list of haloacetic acid contaminants

Table of Detected Contaminants
Inorganic Contaminants Found at Entry Point

Contaminant	Water Source	Violation Yes/ No	Date(s) of Sampling	Average Level Found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Aluminum	Otisco	No	Sept 2025	0.067	mg/l	N/A	N/A	Erosion of natural deposits; Industrial sources
	Ontario	No	Sept 2025	0.113	mg/l	N/A	N/A	
Barium	Otisco	No	Sept 2025	0.033	mg/l	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
	Ontario	No	Sept 2025	0.021	mg/l	2	2	
	Skaneateles	No	May 2025	0.023	mg/l	2	2	
Calcium	Otisco	No	Sept 2025	32.6	mg/l	N/A	N/A	Naturally occurring
	Ontario	No	Sept 2025	34.1	mg/l	N/A	N/A	
Chloride	Otisco	No	Sept 2025	46.1	mg/l	N/A	250	Naturally occurring; Road salts
	Ontario	No	Sept 2025	26.2	mg/l	N/A	250	
	Skaneateles	No	Aug 2025	22.8	mg/l	N/A	250	
Chlorite (1)	Otisco	No	Daily	0.23 (0.03 - 0.37)	mg/l	N/A	1	By-product of drinking water disinfection at plant using chlorine dioxide
Chlorine Dioxide Residual (1)	Otisco	No	Daily	0.020 (< 0.010 -0.070)	mg/l	N/A	0.800 (MRDL)	By-product of drinking water disinfection at plant using chlorine dioxide
Chlorine Residual (Free)	Otisco	No	Every 4 hrs	0.95 (0.71 - 1.54)	mg/l	N/A	4 (MRDL)	Added to water to kill harmful bacteria and to prevent the regrowth of bacteria
	Ontario	No	Every 4 hrs	0.86 (0.65 - 1.13)	mg/l	N/A	4 (MRDL)	
	Skaneateles	No	Every 4 hrs	1.24 (0.38 -3.19)	mg/l	N/A	4 (MRDL)	

(1) Chlorite and Chlorine Dioxide were tested daily for 275 days in 2025. At the same time, OCWA added chlorine dioxide at Otisco's intake as a preoxidant in order to control zebra mussels, provide adequate disinfection, and limit the formation of undesirable disinfection by-products such as trihalomethanes and haloacetic acids. OCWA intends to continue adding chlorine dioxide in 2026.

Table of Detected Contaminants
Inorganic Contaminants Found at Entry Point

Contaminant	Water Source	Violation Yes/ No	Date(s) of Sampling	Average Level Found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Copper	Ontario	No	Sept 2025	0.0040	mg/l	N/A	AL = 1.3	Household plumbing systems; natural deposits
Fluoride (2)	Otisco	No	Daily	0.70 (0.57 - 0.80)	mg/l	N/A	2.2	Erosion of natural deposits; Water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
	Ontario	No	Daily	0.68 (0.61 - 0.68)	mg/l	N/A	2.2	
	Skaneateles	No	Daily	0.73 (0.35 - 1.04)	mg/l	N/A	2.2	
Magnesium	Otisco	No	Sept 2025	11.3	mg/l	N/A	N/A	Naturally occurring
	Ontario	No	Sept 2025	9.01	mg/l	N/A	N/A	
	Skaneateles	No	May 2025	7.19	mg/l	N/A	N/A	
Nickel	Ontario	No	Sept 2025	0.00052	mg/l	N/A	N/A	Erosion of natural deposits
Manganese	Otisco	No	Sept 2025	0.0016	mg/l	N/A	0.3	Naturally occurring; Indicative of landfill contamination.
	Ontario	No	Sept 2025	0.0011	mg/l	N/A	0.3	

(2) Information on Fluoride Addition: OCWA is one of many drinking water systems that provide drinking water with a controlled, low level of fluoride for consumer dental health protection. According to the United States Centers for Disease Control, fluoride is very effective in preventing cavities when present in drinking water at an optimal dose of 0.7 mg/l. To ensure that the fluoride supplement in your water provides optimal dental protection, the NYS Health Department requires that we monitor fluoride levels on a daily basis. 2025 monitoring showed fluoride levels in your water were within 0.1mg/l of the optimal dose 99% of the time for Otisco Lake water and 100% of the time for Lake Ontario water.

Table of Detected Contaminants
Inorganic Contaminants Found at Entry Point

Contaminant	Water Source	Violation Yes/ No	Date(s) of Sampling	Average Level Found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Nitrate	Otisco	No	Sept 2025	0.15	mg/l	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits
	Ontario	No	Sept 2025	0.13	mg/l	10	10	
	Skaneateles	No	Aug 2025	0.27	mg/l	10	10	
Potassium	Skaneateles	No	May 2025	1.1	mg/l	N/A	N/A	Naturally occurring
Sodium (3)	Otisco	No	Sept 2025	27.8	mg/l	N/A	See Health Effects	Naturally occurring; Road salts; water softeners; animal wastes
	Ontario	No	Sept 2025	18.4	mg/l	N/A	See Health Effects	
	Skaneateles	No	May 2025	11.4	mg/l	N/A	See Health Effects	
Sulfate	Otisco	No	Sept 2025	11.7	mg/l	N/A	250	Naturally occurring
	Ontario	No	Sept 2025	22.6	mg/l	N/A	250	
	Skaneateles	No	Aug 2025	10.6	mg/l	N/A	250	
Odor	Otisco	No	Sept 2025	1	TON	N/A	3	Organic or inorganic pollutants from municipal or industrial waste, natural sources
	Ontario	No	Sept 2025	1	TON	N/A	3	
	Skaneateles	No	May 2025	1	TON	N/A	3	

(3) Health Effects of Sodium: There is no maximum contaminant level (MCL) for sodium. However, water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted diets.

Table of Detected Contaminants

Radionuclides Found at Entry Point

Contaminant	Water Source	Violation Yes/ No	Composite of quarterly sampling	Level found	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Alpha Emitters	Otisco	No	Feb,May, Aug, Nov. 2017	0.62	pCi/l	0	15	Erosion of natural deposits
	Ontario	No	Feb,May, Aug, Nov. 2025	0.22	pCi/l	0	15	
Beta Emitters	Otisco	No	Feb,May, Aug, Nov. 2017	0.85	pCi/l	0	50	Decay of natural deposits and man made emissions
	Ontario	No	Feb,May, Aug, Nov. 2025	1.48	pCi/l	0	50	
Radium- 226	Otisco	No	Feb,May, Aug, Nov. 2017	0.47	pCi/l	0	5	Erosion of natural deposits
	Ontario	No	Feb,May, Aug, Nov. 2025	2.14	pCi/l	0	5	
Radium- 228	Otisco	No	Feb,May, Aug, Nov. 2017	0.08	pCi/l	0	5	Erosion of natural deposits
	Ontario	No	Feb,May, Aug, Nov. 2025	ND	pCi/l	0	5	
Total Uranium	Otisco	No	Feb,May, Aug, Nov. 2017	0.30	ug/l	N/A	30	Erosion of natural deposits
	Ontario	No	Feb,May, Aug, Nov. 2025	0.347	ug/l	N/A	30	

Organic Contaminants Found at Entry Point

Contaminant	Water Source	Violation Yes/ No	Date(s) of Sampling	Average Level found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Dissolved Organic Carbon	Otisco	No	Monthly 2025	2.7 (2.3 - 3.2)	mg/l	N/A	N/A	Naturally occurring.
	Ontario	No	Monthly 2025	2.2 (1.8 - 2.7)	mg/l	N/A	N/A	
Total Organic Carbon	Otisco	No	Monthly 2025	2.8 (2.5 - 3.6)	mg/l	N/A	N/A	Naturally occurring.
	Ontario	No	Monthly 2025	2.2 (1.9 - 2.5)	mg/l	N/A	N/A	

Table of Detected Contaminants

Synthetic Organic Contaminants Found at Entry Point

Contaminant	Sample Source	Violation Yes/ No	Date(s) of Sampling in 2025	Level Found (Range)**	Units Measured	MCLG	Regulatory Limit (MCL, TT, AL, or MRDL)	Likely Source of Contamination
PFBS ¹	Ontario	No	Monthly	0.05 (ND - 0.57)	ng/l	N/A	50,000 ng/l	Released into the environment from widespread use in commercial and industrial applications such as non-stick cookware, food packaging, textiles, paints, firefighting foam and electronics.
PFHxS ²	Ontario	No	Monthly	0.07 (ND - 0.8)	ng/l	N/A	50,000 ng/l	
PFOA ³	Ontario	No	Monthly	1.65 (ND - 2.50)	ng/l	N/A	10 ng/l	
PFOS ⁴	Ontario	No	Monthly	0.5 (ND - 2.20)	ng/l	N/A	10 ng/l	
PFBA ⁵	Ontario	No	Monthly	2.1 (no range, single sample)	ng/l	N/A	50,000 ng/l	

¹ PFBS = Perfluorobutanesulfonic acid

² PFHxS = Perfluorohexanesulfonic acid

³ PFOA = Perfluorooctanoic acid

⁴ PFOS = Perfluorooctanesulfonic acid

⁵ PFBA = Perfluorobutanoic acid

About Per- and Polyfluoroalkyl Substances (PFAS):

PFAs refer to a group of synthetic chemicals with strong carbon-fluorine bonds. These chemicals are highly resistant to degradation in the environment and have been labeled as "forever chemicals" due to the fact they persist in the environment for decades. Currently, two specific PFA chemicals are subject to federal oversight. USEPA is actively working on phasing out or reducing use, and continue to update regulations, research, and guidance to manage PFA risks.

Table of Detected Contaminants

City of Oneida Water Department

Entry Point

Finished Water

Contaminant	Water Source	Violation Yes/ No	Date of Sample	Average level found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Turbidity	Florence Creek	No	Daily	0.07 (0.05 - 0.12)	NTU	N/A	TT < 1.0 NTU	Soil Runoff
Turbidity	Florence Creek	No	Daily	100%	NTU	N/A	TT = 95 % of samples < 0.3 NTU	Soil Runoff
Total Organic Carbon	Florence Creek	No	Monthly	1.5 (1.0 - 2.5)	mg/l	N/A	TT	Naturally present in the environment

Inorganics

pH	Florence Creek	No	Continuous	6.8 - 7.3	Standard Units	N/A	N/A	Naturally Occurring
Odor	Florence Creek	No	March 2025	1	T.O.N. Units	N/A	N/A	Organic or inorganic pollutants from industrial waste;natural sources
Nitrate	Florence Creek	No	March 2025	0.18	mg/l	10	MCL = 10	Runoff from fertilizer; leaching from septic tank
Magnesium	Florence Creek	No	March 2025	2.11	mg/l	N/A	N/A	Naturally Occurring
Sodium	Florence Creek	No	March 2025	6.47	mg/l	N/A	(See Health effects)*	Naturally Occurring; Road Salt
Copper	Florence Creek	No	March 2025	43.9 (43.0 - 460)	ug/l	1,300	AL = 1,300	Household plumbing; natural deposits; wood preservatives
Lead	Florence Creek	No	March 2025	< 1.0 (ND - 6.4)	ug/l	0	AL = 15	Corrosion of household plumbing; Erosion of natural deposits
Zinc	Florence Creek	No	March 2025	0.369	mg/l	N/A	MCL = 5	Naturally occurring; Mining waste
Sulfate	Florence Creek	No	March 2025	11.3	mg/l	N/A	MCL = 250	Naturally Occurring
Chloride	Florence Creek	No	March 2025	2.8	mg/l	N/A	MCL = 250	Naturally Occurring or indicative of road salt contamination
Barium	Florence Creek	No	March 2025	4.7	ug/l	2,000	MCL = 2,000	Erosion of natural deposits

*Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted diets. Water containing more than 270 mg of sodium should not be used for drinking by people with moderately restricted sodium diets.

City of Oneida Water Department

Entry Point

Inorganics (Continued)

Contaminant	Water Source	Violation Yes/ No	Date of Sample	Average level found (Range)	Units Measured	MCLG	Regulatory Limit (MCL, TT, or AL)	Likely Source of Contamination
Calcium	Florence Creek	No	March 2025	6.28	mg/l	N/A	N/A	Naturally Occurring
Calcium Hardness as CaCO ₃	Florence Creek	No	March 2025	15.7	mg/l	N/A	N/A	Naturally Occurring
Total Hardness as CaCO ₃	Florence Creek	No	March 2025	24.4	mg/l	N/A	N/A	Naturally Occurring
Alkalinity as CaCO ₃	Florence Creek	No	March 2025	21.9	mg/l	N/A	N/A	Naturally Occurring
Total Dissolved Solids	Florence Creek	No	March 2025	44	mg/l	N/A	N/A	Naturally Occurring

Disinfectants

Chlorine Residual	Florence Creek	No	Continuous	1.1 (0.9 - 1.4)	mg/l	N/A	MRDL = 4	Water additive used to control microbes
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Detected Emerging Unregulated Organic Contaminants (conducted every 18 months)

Perfluorobutanoic Acid (PFBA)	Florence Creek	No	March 2025	0.0012	ug/l	N/A	There are no regulations establishing an MCL for these compounds currently.	Commercial and Industrial sources; inactive and hazardous waste sites
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Radiological (conducted every 9 years)

Gross Alpha	Florence Creek	No	March 2025	2.22	pCi/l	N/A	15	Naturally Occurring
Gross Beta	Florence Creek	No	March 2025	1.90	pCi/l	N/A	4	Naturally Occurring
Radium-226	Florence Creek	No	March 2025	0.719	pCi/l	N/A	5	Naturally Occurring
Radium-228	Florence Creek	No	March 2025	0.643	pCi/l	N/A	5	Naturally Occurring
Total Uranium	Florence Creek	No	March 2025	0.323	ug/l	N/A	30	Naturally Occurring

Chromium 6 Health Information

Chromium is a common element in rocks, soil, water, plants, and animals. It gets into surface or groundwater after dissolving from rocks and soil. Chromium is used to manufacture steel, to electroplate metal, and in the textile, tanning, and leather industries. Contamination of drinking water may occur if chromium gets into surface or groundwater after improper waste disposal in landfills or by industrial or manufacturing facilities using chromium.

Chromium is found in the environment in two principal forms: chromium (III) and chromium (VI). Chromium (III) compounds are the most common chromium compounds in the environment. Chromium (VI) compounds are less common in the environment and are typically associated with an industrial source. Depending on the conditions, each form of chromium can be converted into the other form in the environment.

Chromium (VI) is the more toxic form of chromium. There is strong evidence from human studies in many countries that occupational exposures to chromium (VI) in the air can cause lung cancer. There is weaker evidence from studies in China that long-term exposure to chromium (VI) in drinking water can cause stomach cancer. Chromium (VI) causes cancer in laboratory animals exposed almost daily to high levels in the air (lung cancer) or drinking water (mouth and intestinal cancers) over their lifetimes. Adverse gastrointestinal-tract effects (oral ulcers, stomach or abdominal pain, diarrhea) other than cancer are also associated with long-term human exposures to oral doses of chromium (VI). In laboratory animals, repeated exposures to high oral doses of chromium (VI) have caused blood, liver, and kidney damage in adult animals, and can adversely affect the developing fetus and the male and female reproductive organs. Chemicals that cause cancer or other adverse health effects in people or laboratory animals exposed to high levels also may increase the risk of such effects in people exposed to lower levels over long periods.

Prepared by New York State Department of Health – Bureau of Toxic Substance Assessment, March 14, 2011.

OCWA was required to monitor for Chromium (VI) in the Unregulated Contaminant Monitoring Rule 3 conducted in 2014-2015. We continued to monitor for it in the source waters and entry points at both treatment plants annually through 2021. Although we are not currently required to monitor for Chromium (VI), we continue to monitor for it in our source waters annually.

Terms & Abbreviations

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

Chlorine Residual – the amount of chlorine in water available for disinfection.

Disinfection By-product (DBP) – chemical compounds that result from the addition of chlorine to water containing organic substances.

HAA (Haloacetic acids) – the combined concentration of the following five contaminants; Dibromo-, Dichloro-, Monobromo-, Monochloro-, and Trichloro –, acetic acids.

Inorganic Contaminant – chemical substances of mineral origin, such as iron or manganese.

Maximum Contaminant Level (MCL) – the highest level of a contaminant that is allowed in drinking water; MCLs are set as close to the MCLGs 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.

Maximum Residual Disinfectant Level (MRDL) – the highest level of a disinfectant allowed in drinking water; There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – the level of a disinfectant in drinking water below which there is no known or expected risk to health; MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

mg/l – (milligrams per liter) corresponds to one part of liquid in one million parts of liquid (parts per million or **ppm**).

Microbiological Contaminant – very small organisms, such as bacteria.

N/A – not applicable.

ND – not detected at testing limits.

ng/l – (nanograms per liter) corresponds to one part of liquid in one trillion parts of liquid (parts per trillion or **ppt**).

NTU – Nephelometric Turbidity Unit - a measurement of particles in water.

Organics – substances containing the element carbon; These can be naturally occurring or man-made, and can include pesticides, solvents, and by-products of disinfection.

pCi/L – pico curies per liter; units of concentration of radioactive substances.

Radionuclides— contaminants giving off ionizing radiation.

TTHM – (Total Trihalomethanes) – the combined concentration of the following four contaminants; Bromodichloromethane, Bromoform, Chloroform, and Dibromochloromethane.

TON (Threshold Odor Number) – the greatest number dilutions of a sample with “odor-free” water yielding a perceptible odor.

Treatment Technique (TT) – a required process intended to reduce the level of a contaminant in drinking water.

ug/l – (micrograms per liter) corresponds to one part of liquid in one billion parts of liquid (parts per billion or **ppb**).

Conservation

Unlike many areas in the country, OCWA has access to adequate amounts of water that should meet both current and future needs. Otisco Lake can safely yield 25 million gallons of water per day. Lake Ontario is part of the Great Lakes which contain 20% of the world's fresh water. However, even with this abundance, water must be used wisely. It takes energy and resources to treat and deliver water to the consumer. On hot summer days demand can increase by as much as 67% over an average day's production. To promote the wise use of water and to avoid waste and reduce energy demand, please note the following conservation tips:

- Fix any leaky faucets. A leak streaming at 1/16th at 60 psi can amount to more than 24,000 gallons in one month.
- Water lawns only when necessary. When walking on the grass, does it spring back up? If it does, the lawn does not need watering.
- When watering lawns or gardens, give them a thorough soaking during the most effective time to water. This is after sunset and before 10:00 a.m., which allows more time for water to soak into the ground. Watering during daylight hours results in water loss due to evaporation. Timely watering also helps minimize energy and production peaks during the driest parts of the year.
- When washing a car, use a bucket for washing and turn on the hose only for rinsing. Do not let water run continuously from a hose when not in use.
- Consider placing a layer of mulch around trees and shrubs to maintain the moisture level for plants. Mulch will also discourage weed growth.
- If you have a swimming pool, fill it during the night when the demand for power and production systems is lower.

If you're interested in additional water savings tips call our Customer Service Department at 315-455-7061 ext. 3335.

Water Pressure:

Water Pressure: NYSDOH regulators and Recommended Standards for Water Works indicate that normal water pressure in the distribution system should be approximately 60 to 80 psi and not less than 35 psi while maintaining a minimum pressure of 20 psi under all conditions of flow. We attempt to operate and maintain our system within these parameters as much as possible, however, due to significant variants in topography in Central New York, it is not possible to do so in all areas of the system. In areas where pressures exceed 80 psi, the New York State Uniform Building Code requires that homes have pressure-reducing valves (PRVs). Customers are responsible for installing the PRVs, and to periodically check/maintain them; failure to do so may result in water damage and/or damaged water fixtures. When required for meter installation, the PRVs are to be installed either in a meter pit or within the house just before the meter. Customers should check the requirements within their municipality, but some require a licensed plumber to complete the installation.

Contaminants Tested for but Not Detected

(Non-Detects Arranged By Source)

Synthetic Organic Contaminants (Otisco, Ontario, Skaneateles)	Principal Organic Contaminants (Otisco, Ontario, Skaneateles)	Inorganic Contaminants (Otisco, Ontario, Skaneateles)
Alachlor Aldicarb Aldicarb sulfone Aldicarb sulfoxide Aldrin Atrazine Benzo(a)pyrene Butachlor Carbaryl Carbofuran Chlorodane Dalapon Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dibromochloropropane Dicamba Dieldrin Dinoseb Endrin Ethylene Dibromide Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methomyl Methoxychlor Metolachlor Metribuzan Oxamyl vydate Pentachlorophenol Pichloram Polychlorinatedbiphenyls Propachlor Simazine Toxaphene 2,4 -D 2,4,5-TP (Silvex) 3-Hydroxycarbofuran 1,4-dioxane	Benzene Bromobenzene Bromochloromethane Bromoform Bromomethane N-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon Tetrachloride Chlorobenzene Chloroethane Chloromethane 2-Chlorotoluene 4-Chlorotoluene Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorofluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene cis-1,2-Dichloroethene trans-1,2-Dichloroethene 1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene cis-1,3-Dichloropropene trans-1,3-Dichloropropene Ethylbenzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene Methylene Chloride MTBE n-Propylbenzene Styrene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1,-Trichloroethane 1,1,2,-Trichloroethane Trichloroethene Trichlorofluoromethane 1,2,3,-Trichloropropane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene Toluene Vinyl Chloride o-Xylene m & p-Xylene	Antimony Arsenic Beryllium Cadmium Chromium Cyanide Iron Lead Manganese (Skaneateles) Mercury Nickel (Otisco & Skaneateles) Nitrite Selenium Silver Thallium Zinc
Synthetic Organic Contaminants (Ontario) 2,3,7,8-TCDD (Dioxin)		Per & Poly-fluoroalkyl Contaminants (Otisco, Ontario, Skaneateles) Perfluoropentanoic acid Perfluorohexanoic acid Perfluoroheptanoic acid Perfluorooctanoic acid (Otisco/Skaneateles) Perfluorononanoic acid Perfluorodecanoic acid Perfluoroundecanoic acid Perfluorodecanoic acid Perfluorobutanesulfonic acid (Otisco/Skaneateles) Perfluoropentanesulfonic acid Perfluoroundecanoic acid Perfluorodecanoic acid Perfluoropentanesulfonic acid Perfluorohexanesulfonic acid (Otisco/Skaneateles) Perfluoroheptanesulfonic acid Perfluorooctanesulfonic acid Perfluoro(2-ethoxyethane)sulfonic acid 1H,1H,2H,2H-Perfluorohexane sulfonic acid 1H,1H,2H,2H-Perfluorooctane sulfonic acid 1H,1H,2H,2H-Perfluorodecane sulfonic acid Hexafluoropropylene Oxide Dimer Acid 4,8-Dioxa-3H-perfluorononanoic acid 9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid 11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid Perfluoro-4-methoxybutanoic acid Perfluoro-3-methoxypropanoic acid Nonafluoro-3,6-dioxaheptanoic acid
Physical Characteristics Color (Otisco/Ontario/Skaneateles)		

The frequency that various contaminants are tested for is regulated by NYSDOH and can vary from source to source. NYSDOH allows for some contaminants to be tested for less than once a year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, is more than one year old. Some contaminants are monitored at the various sources more often than required.

Other Important Phone Numbers:

<u>Nature of Call:</u>	<u>Contact:</u>	<u>Phone Number:</u>
Inquiries About This Report	Water Quality Manager	315-455-7061 ext. 3141
After Hours/Weekend Emergency		315-455-7601
Water Quality Questions	Water Quality	315-455-7061 ext. 3157
Billing Inquiries	Customer Service	315-455-7061 ext. 3335
Low Pressure / Discolored Water	Operations	315-455-7061 ext. 3120
Report a Leak	Distribution	315-455-7061 ext. 3127
OCWA Board Meeting Information	Administration	315-455-7061 ext. 3112
Onondaga County Dept. of Health		315-435-6600
Oswego County Dept. of Health		315-349-3557
Madison County Dept. of Health		315-366-2526
Oneida County Dept. of Health		315-798-5064
Cayuga County Dept. of Health		315-253-1405
New York State Dept. of Health		1 (800) 458-1158
USEPA	Safe Drinking Water Information Helpline	1 (800) 426-4791