

# Oyster Bay Water District Water News

A Newsletter Concerning Our Water Supply

Spring 2023

## DELIVERING EXCELLENT WATER QUALITY FOR 100 YEARS

The Oyster Bay Water District has proudly provided a safe and plentiful supply of water to its residents for 100 years! The Oyster Bay Water District was established by the Town Board of the Town of Oyster Bay on August 17th, 1923. Over the last 100 years, the District has continued to improve and expand its system to meet the growth and needs of our community. The District has expanded from a single water supply well field to a robust system consisting of multiple supply wells, storage tanks, treatment systems, and a network of water mains. In its early years, the District served several hundred homes. Today, the District serves a population of over 8,500 across 4.2 square miles, including our numerous businesses.

The District has continued to evaluate water quality to ensure all Federal and State drinking water regulations are met. In doing so, the District has successfully delivered a high-quality water source to its residents at a reasonable cost. Without a safe and reliable supply of public water, our community could not have developed into the great place to live, work, and enjoy as it is today!

Did You know:

- The District pumped over 400 million gallons of water last year
- The District routinely operates (4) water supply wells that are drilled upwards of 500 feet deep into the Magothy aquifer below Long Island
- The District maintains (5) water storage tanks with a combined capacity of 2 million gallons
- The District maintains over 53 miles of water main and over 400 fire hydrants
- The District conducts thousands of water quality tests per year

Then....



Oyster Bay Water Works ~ Circa 1923

...Now



Plant No. 2 ~ Shutter Lane



Electrical Telemetry Equipment



Plant No. 2 Electrical Equipment



### In this issue:

DELIVERING EXCELLENT WATER QUALITY FOR 100 YEARS

MORE THEN & NOW PHOTOS OF OYSTER BAY WATER DISTRICT

THE PURCHASE OF THE OYSTER BAY WATER DISTRICT

INFRASTRUCTURE IMPROVEMENT PROJECTS CONTINUE

WATER CONSERVATION IS PRIORITY!

COMMISSIONER ROBERT MCEVOY RE-ELECTED TO LONG ISLAND WATER CONFERENCE BOARD

COMMISSIONER MICHAEL RICH, III RE-ELECTED

MEETING SCHEDULE

EMERGENCY NOTIFICATION SERVICES

NASSAU COUNTY SPRINKLING RESTRICTIONS STILL CONTINUE

WATER QUALITY REPORT ENCLOSED

### BOARD OF COMMISSIONERS

Robert J. McEvoy  
Chairman

Michael F. Rich, III  
Secretary

Richard P. Niznik  
Treasurer

SUPERINTENDENT  
Edward Dupre

OFFICE MANAGER  
Karen Testa

45 Audrey Avenue  
Oyster Bay, New York 11771  
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[www.oysterbaywaterdistrict.org](http://www.oysterbaywaterdistrict.org)



## THE PURCHASE OF THE OYSTER BAY WATER DISTRICT

Oyster Bay, N.Y. Jan'y 27 1904  
 The stockholders of the O.B. Water Works Co. met in  
 the Board room of the Oyster Bay Bank pursuant  
 to call of president  
 members present Geo. M. Fletcher, Sam'l. Y. Bayles  
 Henry A. Townsend, & E.M. Griffin & Jas. Malcolm  
 represented by Proxy, { Chas. DeKay Townsend  
 meeting called to order by President Geo. M. Fletcher  
 Henry A. Townsend offered the following <sup>Resolution</sup> motion, which  
 was seconded by Mr. Bayles, and carried unanimously.  
 Whereas it is the sense of this meeting that this company  
 has outlived its usefulness and whereas there is  
 now established and in full control of the field  
 a new water company, now therefore be it resolved  
 that the Treasurer, Mr. S. Y. Bayles be and is hereby  
 authorized and directed to make equal distribution  
 of the cash now remaining in his hands to A of this  
 Company by drawing his check to order of each  
 stockholder in the sum of thirty two  $81/100$  dollars.  
 Minutes read approved and accepted.  
 On Motion Adjourned  
 E. M. Griffin Secy.

Oyster Bay, N.Y. January 27, 1904

The stockholders of the Oyster Bay Water Works Co. met in the board room of the Oyster Bay Bank pursuant to call of president.

Members present: Geo. M. Fletcher, Sam'l Y. Bayles, Henry A. Townsend, E.M. Griffin, & Jas. Malcolm

Represented by Proxy: Chas. DeKay Townsend

Meeting called to order by President Geo M, Fletcher. Henry A. Townsend offered the following Resolution, which was seconded by Mr. Bayles and carried unanimously.

Whereas, it is the sense of this meeting that this company has outlived its usefulness and whereas there is now established and in full control of the field a new water company, now directed to make equal distribution of the cash now remaining in his hands to A (account) of this Company by drawing his check to order of each stockholder in the sum of thirty two  $81/100$  dollars.

Minutes read approved and accepted. On Motion Adjourned.

ss E.M. Griffin Secy.



## INFRASTRUCTURE IMPROVEMENT PROJECTS CONTINUE

As previously stated, the Oyster Bay Water District continues to be proactive to ensure our water supply remains safe and complies with regulations. The District has initiated construction of a new Advanced Oxidation Process (AOP) treatment system to remove the low levels of 1,4-Dioxane detected at Plant No. 2 on Shutter Lane. This initiative is in response to recent New York State Department of Health drinking water standards for emerging contaminants. The AOP system will utilize an ultraviolet light reactor and add small amounts of hydrogen peroxide as an oxidant to destroy the 1-4-Dioxane. The hydrogen peroxide that is added to the water is removed before it is delivered to your home.

The construction began in Fall of 2022 and is progressing very well. The project is expected to be completed by Early 2024. The District was awarded a \$3.0 million grant from New York State to help pay for a major portion of the project.



Advanced Oxidation Process (AOP) Treatment System



Water Main Installation along Glen Cove Road

Additionally, The Oyster Bay Water District, in collaboration with the Locust Valley Water District, has initiated the installation of an emergency interconnection between their water supply systems. Construction started in April of 2023 and is progressing on schedule. The project includes new underground piping and appurtenances along Oyster Bay Road and Glen Cove Road to connect the water distribution systems. The emergency interconnection will serve as an additional source of water supply in the event of an emergency, such as a major fire, loss of water supply wells, or loss of power. In addition, the interconnection will provide added fire protection in the immediate project area. The Districts were awarded a grant in the amount of \$286,000 to fund a portion of the project. Construction is expected to be complete by this summer.

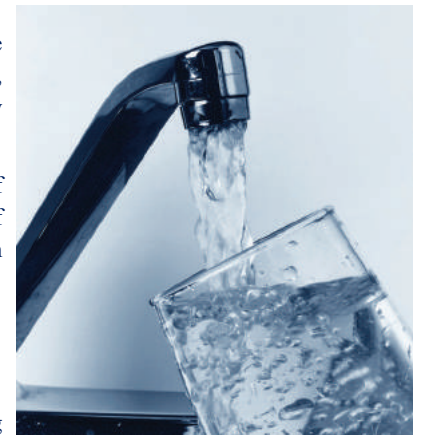
## WATER CONSERVATION IS PRIORITY!

On a hot summer day, the Oyster Bay Water District delivers over 3 million gallons of water per day. That quantity of water is three (3) times what we pump on a typical winter day. This 300% increase in water use can mostly be attributed to lawn irrigation systems. It is estimated that upwards of 80 to 90 percent of the water pumped on a hot summer day is used for lawn irrigation.

The Water District needs to maintain a sufficient capacity of their supply wells and pump stations to meet the maximum day water demands plus a reserve for fire protection. Therefore, as our water use continues to increase, the District needs to construct new supply facilities - even though these facilities may only be necessary for a few peak days during the year.

One way to minimize the impact of the peak water use days is to encourage water conservation by the residents of the District. The District had implemented a water conservation plan back in 1986 - with the major component of the plan being enforcing the ODD/EVEN sprinkling restrictions, as outlined on Page 5 of this newsletter. You can play an active role in conserving water by looking for ways to reduce water use in your home.

- Load Dishwashers to full capacity to reduce the number of cycles and water used
- Turn off the tap while brushing your teeth
- Check for faucet and toilet leaks throughout your home
- Monitor your water bill and use your water meter to detect leaks. Simply turn off all taps and water using appliances and then check the meter. If the dial on the meter has moved after 15 minutes, you have a leak.



The Board of Commissioners encourages all residents to consider water conservation in their every day lives. Let's save water for both emergency use and to ensure we have a sufficient supply of drinking water for generations to come.

**THEN...**



Plant No. 2 Water Supply Well - Circa 1960



Plant No. 5 - School House Road - Circa 1960



Oyster Bay Water District Administration Building  
Built 1960

**...NOW**



Plant No. 2 Water Supply Well - Present Day



Plant No. 5 - Elevated Water Tank - Present Day



Oyster Bay Water District Administration Building  
Renovated 2003

The Oyster Bay Water District looks forward to many more years of serving our community and meeting all of your water supply needs.



## COMMISSIONER ROBERT MCEVOY RE-ELECTED TO WATER CONFERENCE BOARD

The Oyster Bay Water District is proud to announce that Commissioner Robert McEvoy has been re-elected to the Board of the Long Island Water Conference (LIWC). The Conference is a professional organization of all the public water suppliers on Long Island dedicated to keeping Long Island's water safe and plentiful. Commissioner McEvoy is serving as 2nd Vice Chairperson. He was Secretary on the LIWC Board in 2022 and previously held the position of President of the Nassau Suffolk Water Commissioners Association in 2012.

The LIWC includes 41 separate public water suppliers in Nassau and Suffolk Counties and supports education and training to all its members, as well as providing public education to the residents of Long Island.



*Commissioner Robert McEvoy*



*Commissioner Michael Rich, III*

## COMMISSIONER MICHAEL RICH, III RE-ELECTED

On December 13, 2022, the residents of the Oyster Bay Water District re-elected Michael F. Rich, III to the position of Water Commissioner for a three year term.

Mr. Rich brings to the Oyster Bay Water District over 24 years of experience as a Bay Constable with the Town of Oyster Bay and currently holds the position of Sergeant of the Bay Constables. He is a graduate of SUNY Old Westbury and belongs to several professional organizations, including serving as President of the Nassau Suffolk Water Commissioners Association in 2019, Long Island Water Conference, Fraternal Order of Police, NYS Harbor Master Association. His knowledge and understanding of water resources and NYS Dept. of Environmental Conservation Regulations assists the Board of Commissioners in overseeing the administration and operations of the Water District.

Commissioner Rich is a fourth generation Oyster Bay resident who currently lives in Oyster Bay with his wife and two children.

### ***RAVE*- EMERGENCY**

#### **NOTIFICATION SERVICES**

If you haven't already, we urge you to sign up for the Oyster Bay Water District Emergency Notification System. The Rave Emergency Notification System automatically calls you with a pre-recorded message in the event of a water emergency. The system database is populated with all listed phone numbers within the District. However, should your phone number be unlisted, your number is not automatically in our system. In addition, you may want to add your cell phone number to our system so that we can notify you by Text Message or Email.

#### **COME VISIT OUR WEBSITE**

**[www.oysterbaywaterdistrict.org](http://www.oysterbaywaterdistrict.org)**

Please log on and register your information with our Rave Emergency Notification System.

### **MEETING SCHEDULE**

Please note that the Oyster Bay Water District schedules its meetings every Thursday morning at 9:00 a.m. at the Water District office located 45 Audrey Avenue. All residents of the District are welcome to attend the meeting. Any changes in the weekly Thursday morning meeting date will be published in the Glen Cove/Oyster Bay Record Pilot and on the Water District's website. Members of the public can contact the District office at 516-922-4848 for additional information.



# 2022 drinking water quality report

OYSTER BAY WATER DISTRICT

PUBLIC WATER SUPPLY IDENTIFICATION NO. 2902844

Board of Commissioners  
Robert J. McEvoy, Chairman  
Michael F. Rich, III, Secretary  
Richard P. Niznik, Treasurer

## ANNUAL WATER SUPPLY REPORT

MAY 2023

The Oyster Bay Water District is pleased to present to you this year's Water Quality Report. The report is required to be delivered to all residents of our District in compliance with Federal and State regulations. The Board of Commissioners is happy to report that our water is in full compliance with all Federal, State and County regulations. Our constant goal is to provide you with a safe and dependable supply of drinking water every day. We also want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. The Board of Water Commissioners and the District employees are committed to ensuring that you and your family receive the highest quality water.

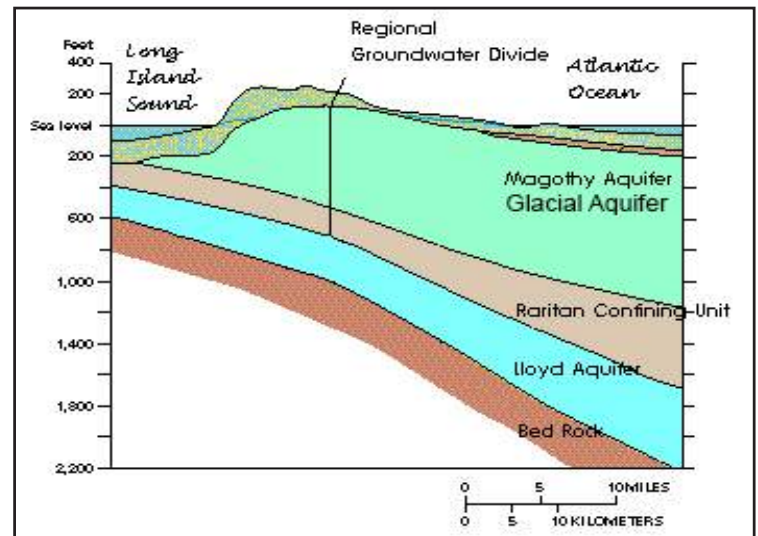
## SOURCE OF OUR WATER

The source of water for the District is groundwater pumped from five (5) wells located throughout the community that are drilled into the Glacial and Magothy aquifers beneath Long Island, as shown on the enclosed figure. Generally, the water quality of the aquifers in Oyster Bay is excellent.

The 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 include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants.

In order to ensure that our tap water is safe to drink, the State and the EPA prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The population served by the Oyster Bay Water District during 2022 was approximately 8,500. The total amount of water withdrawn from the aquifer in 2022 was 403.7 million gallons, of which approximately 97 percent was billed directly to consumers.



THE LONG ISLAND AQUIFER SYSTEM

## WATER TREATMENT

The Oyster Bay Water District provides treatment at all wells to improve the quality of the water pumped prior to distribution to the consumer. The pH of the pumped water is adjusted upward to reduce corrosive action between the water and water mains and in-house plumbing by the addition of sodium hydroxide. As mandated by the New York State and Nassau County Health Departments, the District currently adds a slight amount of chlorine to the water as a disinfection agent to prevent the growth of bacteria in the distribution system. A granular activated carbon treatment system is used at Plant No. 2 - Shutter Lane to remove low level volatile organic compounds (VOCs).

## CONTACTS FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements. If you have any questions about this report or concerning your water utility, please contact Superintendent Edward Dupre at (516) 922-4848 or the Nassau County Department of Health at (516) 227-9692. We want our valued customers to be informed about our water system. If you want to learn more, please attend any of our regularly scheduled meetings. They are normally held on Thursday mornings at 9:00 a.m. at the Water District office.

The Oyster Bay Water District routinely monitors for different parameters and contaminants in your drinking water as required by Federal and State laws. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. For more information on contamination and potential health risks, please contact the USEPA Safe Drinking Water Hotline at 1-800-426-4791 or [www.epa.gov/safewater](http://www.epa.gov/safewater).

The USEPA established a Lead and Copper Rule that required all public water suppliers to sample and test for lead and copper at the tap. The first testing was required in 1992. All of our results were excellent indicating that the District's corrosion control treatment program was effective in preventing the leaching of lead and copper from your home's plumbing into your drinking water. Follow-up testing was last conducted in 2020 with the same excellent results. The next sampling program will occur in 2023. If present, elevated levels of lead can cause serious health problems, especially for pregnant women 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. Oyster Bay Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. 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 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 on your own. 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.epa.gov/safewater/lead>.

Some people may be more vulnerable to disease causing microorgan-

isms 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 microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

## COST OF WATER

In order to reward customers who conserve water, the District utilizes step billing. The average residential consumer (domestic use) is being billed at \$1.20/1,000 gallons. To obtain a copy of the sprinkler system, or multi-user water rates, please contact the District office.

### QUARTERLY WATER RATES - Residential

Consumption (gallons)	Charges
Up to 10,000	\$1.20/thousand gallons
10,001 - 20,000	\$1.75/thousand gallons
20,001 - 30,000	\$2.20/thousand gallons
30,001 - 50,000	\$2.70/thousand gallons
50,001 - 150,000	\$3.50/thousand gallons
Over 150,000	\$4.30/thousand gallons

## WATER QUALITY

In accordance with State regulations, the Oyster Bay Water District routinely monitors your drinking water for numerous parameters. We test your drinking water for coliform bacteria, turbidity, inorganic contaminants, lead and copper, nitrate, volatile organic contaminants, total trihalomethanes, synthetic organic contaminants and radiological contaminants. Over 180 separate parameters are tested for in each of our wells numerous times per year. The table presented on page 3 depicts which parameters or contaminants were detected in your drinking water. It should be noted that many of these parameters are naturally found in all Long Island drinking water and do not pose any adverse health affects.

## WATER CONSERVATION MEASURES

The underground water system of Long Island has more than enough water for present water demands. However, saving water will ensure that our future generations will always have a safe and abundant water supply.

In 2022, the Oyster Bay Water District continued to implement a water conservation program in order to minimize any unnecessary water use. The pumpage for 2022 was 3.1 percent more than in 2021. This can most likely be attributed to the hotter and drier weather conditions that occurred in 2022. The District also has implemented an increase Water Rate Structure that promotes water conservation.

Residents of the District can also implement their own water conservation measures such as retrofitting plumbing fixtures with flow restrictors, modifying automatic lawn sprinklers to include rain sensors, repairing leaks in the home, installing water conservation fixtures/appliances and maintaining a daily awareness of water conservation in their personal habits. The Water District will provide residents with dye tablets for testing of toilet leaks and water displacement bags to reduce water use in toilets. In addition, consumers should be aware that the Nassau County Lawn Sprinkler Regulations are still in effect. Besides protecting our precious underground water supply, water conservation will produce a cost savings to the consumer in terms of both water and energy bills (hot water). Utilizing the water conservation measures listed above can reduce your water use by 5%.



# 2022 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
<b>Inorganic Contaminants</b>							
Copper	No	August/September 2020	ND - 0.25 0.15 <sup>(1)</sup>	mg/l	1.3	AL = 1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Lead	No	August/September 2020	ND - 2.9 1.2 <sup>(1)</sup>	ug/l	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Barium	No	04/26/22	0.0022 - 0.0064	mg/l	2.0	MCL = 2.0	Naturally occurring
Fluoride	No	03/17/22	ND - 0.1	mg/l	4.0	MCL = 4.0	Naturally occurring
Sodium	No	03/17/22	6.3 - 17.4	mg/l	n/a	No MCL <sup>(2)</sup>	Naturally occurring
Zinc	No	04/26/22	ND - 0.025	mg/l	n/a	MCL = 5.0	Naturally occurring
Magnesium	No	04/26/22	3.5 - 6.2	mg/l	n/a	None	Naturally occurring
Chloride	No	03/17/22	9.9 - 17.2	mg/l	n/a	MCL = 250	Naturally occurring
Calcium	No	04/26/22	7.6 - 13.5	mg/l	n/a	No MCL	Naturally occurring
Nitrate	No	06/01/22	1.9 - 3.1	mg/l	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Sulfate	No	03/17/22	ND - 13.2	mg/l	n/a	MCL = 250	Naturally occurring
<b>Volatile Organic Contaminants</b>							
Tetrachloroethene	No	05/25/22	ND - 1.2	ug/l	n/a	MCL = 5.0	Naturally occurring
<b>Disinfection By-Products</b>							
Total Trihalomethanes (TTHMS)	No	09/16/22	ND - 4.6	ug/l	n/a	MCL = 80	Disinfection by-products
<b>Radionuclides</b>							
Gross Alpha	No	12/12/22	0.113 - 1.09	pCi/L	n/a	MCL = 15	Naturally occurring
Gross Beta	No	12/12/22	0.096 - 1.44	pCi/L	n/a	MCL = 50	Naturally occurring
Radium 226 & 228	No	12/12/22	0.0065 - 1.07	pCi/L	n/a	MCL = 5 <sup>(4)</sup>	Naturally occurring
Uranium	No	12/12/22	0.057 - 0.545	ug/L	n/a	MCL = 30	Naturally occurring
<b>Disinfectant</b>							
Chlorine Residual	No	05/31/22	0.3 - 0.9	mg/l	n/a	MRDL = 4.0	Measure of disinfectant
<b>Physical Characteristics</b>							
pH	No	Continuous	7.1 - 8.2	pH units	n/a	7.5 - 8.5 <sup>(5)</sup>	Measure of water acidity or alkalinity
Total Alkalinity	No	03/17/22	24.4 - 59.2	mg/l	n/a	No MCL	Naturally occurring
Calcium Hardness	No	04/26/22	18.9 - 33.7	mg/l	n/a	No MCL	Naturally occurring
Total Hardness	No	04/26/22	33.2 - 59.2	mg/l	n/a	No MCL	Naturally occurring
Total Dissolved Solids (TDS)	No	03/17/22	77.0 - 135.0	mg/l	n/a	No MCL	Naturally occurring

# 2022 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
<b>Synthetic Organic Contaminants (SOCs)</b>							
1,4-Dioxane	No	02/16/22	0.065 - 0.6	ug/l	n/a	MCL = 1.0 <sup>(6)</sup>	Industrial discharge and personal care products <sup>(7)</sup>
Perfluorooctanoic acid (PFOA)	No	08/24/22	ND - 3.6	ng/l	n/a	MCL = 10 <sup>(8)</sup>	Industrial discharge and firefighting foams <sup>(9)</sup>
<b>UCMR3</b>							
Perfluoroheptanoic acid	No	08/24/22	ND - 5.2	ng/l	n/a	MCL = 50,000 <sup>(8)</sup>	Industrial discharge <sup>(9)</sup>
Perfluorohexanesulfonic acid	No	08/24/22	ND - 3.3	ng/l	n/a	MCL = 50,000	Industrial discharge

**Definitions:**

**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 feasible.

**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.

**Milligrams per liter (mg/l)** - Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

**Micrograms per liter (ug/l)** - Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

**Nanograms per liter (ng/l)** - Corresponds to one part of liquid in one trillion parts of liquid (parts per trillion - ppt).

**Non-Detects (ND)** - Laboratory analysis indicates that the constituent is not present.

**pCi/L** - pico Curies per Liter is a measure of radioactivity in water.

**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.

<sup>(1)</sup> - During 2020, we collected and analyzed 20 samples for lead and copper. The action levels for both lead and copper were not exceeded at any site tested. Resampling is scheduled to occur in 2023. The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system. In our sampling program, the 90th percentile value is the 2nd highest result.

<sup>(2)</sup> - No MCL has been established for sodium. However, 20 mg/l is a recommended guideline for people on high restricted sodium diets and 270 mg/l for those on moderate sodium diets.

<sup>(3)</sup> - If iron and manganese are present, the total concentration of both should not exceed 500 ug/l. Higher levels may be allowed by the State when justified by the supplier of water.

<sup>(4)</sup> - MCL for Radium is for Radium 226 and Radium 228 combined.

<sup>(5)</sup> - As per Nassau County Department of Health guidelines.

<sup>(6)</sup> - 1,4-Dioxane -The New York State (NYS) established an MCL for 1,4 dioxane as 1 part per billion( ppb) effective August 2020.

<sup>(7)</sup> - It is used as a solvent for cellulose formulations, resins, oils, waxes and other organic substances. It is also used in wood pulping, textile processing, degreasing, in lacquers, paints, varnishes, and stains; and in paint and varnish removers.

<sup>(8)</sup> - The US environmental Protection Agency (EPA) has established a life time health advisory level (HAL) of 70 parts per trillion (ppt) for PFOA and PFOS combined. The New York State (NYS) maximum contaminant level (MCL) is 10 ppt for PFOA and 10 ppt for PFOS as of August 2020.

<sup>(9)</sup> - PFOA/PFOS has been used to make carpets, leathers, textiles, fabrics for furniture, paper packaging, and other materials that are resistant to water, grease, or stains. It is also used in firefighting foams. Many of these uses have been phased out by its primary U.S. manufacturer; however, there are still some ongoing uses.



## SOURCE WATER ASSESSMENT

The NYSDOH, with assistance from the local health department, has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how rapidly contaminants can move through the subsurface to the wells. The susceptibility of a water supply well to contamination is dependent upon both the presence of potential sources of contamination within the well's contributing area and the likelihood that the contaminant can travel through the environment to reach the well. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is, or will become, contaminated. See section "Water Quality" for a list of the contaminants that have been detected (if any). The source water assessments provide resource managers with additional information for protecting source waters into the future.

Our drinking water is derived from five (5) wells. The source water assessment has rated one (1) of the wells as having an elevated susceptibility to industrial solvents. The elevated susceptibility to industrial solvents and nitrates is due primarily to the shallow depth of Well No. 1 and due to point sources of contamination related to commercial/industrial facilities and related activities in the assessment area. In addition, the high susceptibility to nitrates is also attributable to unsewered residential land use and related practices in the assessment area, such as fertilizing lawns.

A copy of the assessment, including a map of the assessment area, can be obtained by contacting the District Office.

## WATER SYSTEM IMPROVEMENTS

The District is continuing with a Capital Improvement Program to rehabilitate existing equipment and facilities to ensure that the District is able to supply a safe and reliable source of drinking water and sufficient pumping capacity for fire flow protection. The District has started construction of an emergency interconnection with neighboring Locust Valley Water District and new wellhead treatment at Plant No. 2, Shutter Lane. Details of these projects are highlighted in the District Newsletter.

The Oyster Bay Water District conducts over 5,000 water quality tests throughout the year, testing for over 200 different contaminants which have been undetected in our water supply including:

Nickel	Metolachlor	Dibromoacetic Acid	Chlorobenzene
Cadmium	Metribuzin	Total Haloacetic Acid	1,1,1,2-Tetrachloroethane
Chromium	Butachlor	Bromodichloromethane	Bromobenzene
Mercury	2,4-D	Dibromochloromethane	1,1,2,2-Tetrachloroethane
Selenium	2,4,5-TP (Silvex)	Bromoform	1,2,3-Trichloropropane
Silver	Dinoseb	Fluoride	2-Chlorotoluene
Tert-Butylbenzene	Dalapon	MTBE	4-Chlorotoluene
Total Coliform	Picloram	N-Butylbenzene	1,2-Dichlorobenzene
Benzene	Dicamba	Sec-Butylbenzene	1,3-Dichlorobenzene
Color	Pentachlorophenol	Dichlorodifluoromethane	1,4-Dichlorobenzene
Turbidity	Hexachlorocyclopentadiene	Chloromethane	1,2,4-Trichlorobenzene
Odor	bis(2-Ethylhexyl)adipate	Vinyl Chloride	Hexachlorobutadiene
Zinc	bis(2-Ethylhexyl)phthalate	Bromomethane	1,2,3-Trichlorobenzene
Nitrite	Hexachlorobenzene	Chloroethane	4-Isopropyltoluene (P-Cumene)
Atrazine	Benzo(A)Pyrene	Trichlorofluoromethane	Toluene
Detergents (MBAS)	Aldicarb Sulfone	Chlorodifluoromethane	Ethylbenzene
Free Cyanide	Aldicarb sulfoxide	Fluoride	M,P-Xylene
Antimony	Aldicarb	Methylene Chloride	O-Xylene
Beryllium	Total Aldicarb	Trans-1,2-Dichloroethene	Styrene
Thallium	Oxamyl	Ammonia	Isopropylbenzene (Cumene)
Lindane	Methomyl	cis-1,2-Dichloroethene	N-Propylbenzene
Heptachlor	3-Hydroxycarbofuran	2,2-Dichloropropane	Perfluorononanoic acid (PFNA)
Aldrin	Carbofuran	Bromochloromethane	Perchlorate
Heptachloro Epoxide	Carbaryl	1,1,1-Trichloroethane	1,1-Dichloroethene
Dieldrin	Glyphosate	Carbon Tetrachloride	
Endrin	Diquat	1,2,4-Trimethylbenzene	
Methoxychlor	Endothall	1,1-Dichloropropene	
Toxaphene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	
Chlordane	1,2-Dibromo-3-Chl.Propane	1,2-Dichloropropane	
Total PCBs	Dioxin	Dibromomethane	
Propachlor	Chloroacetic Acid	Trans-1,3-Dichloropropene	
Alachlor	Bromoacetic Acid	cis-1,3-Dichloropropene	
Simazine	Dichloroacetic Acid	1,1,2-Trichloroethane	
Trichloroacetic Acid	1,3-Dichloropropane	1,3,5-Trimethylbenzene	

Copies of a Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2022, are available at the Oyster Bay Water District office located at 45 Audrey Avenue, Oyster Bay, New York and the local Public Library.

At the Oyster Bay Water District, we work around the clock to provide top quality water to every tap throughout the community. We ask that all our customers help us protect our water resources, which are the heart of our community, our way of life and our children's future.



A Newsletter From:  
 Oyster Bay Water District  
 45 Audrey Avenue  
 Oyster Bay, New York 11771  
 (516) 922-4848  
[www.oysterbaywaterdistrict.org](http://www.oysterbaywaterdistrict.org)



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Oyster Bay Water District



## NASSAU COUNTY SPRINKLING RESTRICTIONS STILL CONTINUE



The sprinkling restrictions that were in effect last year will still apply this year, as regulated by Nassau County under ordinance 248-A. The following rules apply:

- All water sprinkling for lawns, gardens and shrubbery is **PROHIBITED** between 10 AM and 4 PM.
- Even-numbered addresses are allowed to water on even-numbered days during prescribed hours.
- Odd-numbered addresses are allowed to water on odd-numbered days during prescribed hours.
- Nassau County ordinances provide for a \$50 civil penalty against first-time violators, with increased fines for repeat offenders.

Please cooperate with our **WATER CONSERVATION EFFORT!**



## Water Quality Report Enclosed

Enclosed with this newsletter is the Oyster Bay Water District's Annual Water Supply Report for 2022. This report presents the facts about the quality of our water supply and summarizes the water quality sampling test results taken throughout 2022. The District is proud to report that our water meets or exceeds all Federal and State drinking water standards. Should you have any questions concerning this report, please contact the Water District at (516) 922-4848. A copy of this report is also available at the District website, [www.oysterbaywaterdistrict.org](http://www.oysterbaywaterdistrict.org).

