



# Oyster Bay Water District Water News

A Newsletter Concerning Our Water Supply

Spring 2018

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## DISTRICT IMPLEMENTS UPDATED WATER CONSERVATION PLAN

On a hot summer day, the Oyster Bay Water District delivers up to 3.1 million gallons of water. That quantity of water is three (3) times what we pump on a typical winter day. This huge increase in water use can be attributed to lawn irrigation systems. It is estimated that upwards of 90% 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 of 4 of this newsletter.

Over the past 10 years, the overall water use across Nassau County has continued to increase. The New York State Department of Environmental Conservation (NYSDEC) has stated their concern that if water conservation was not implemented on Long Island, there could be an adverse impact to the underground aquifer system.

The Board of Commissioners of the Oyster Bay Water District agreed that there was a need to update the District's Water Conservation Plan as a way to reduce the summer pumpage by approximately 15 percent. The District prepared an Updated Plan in 2017 and has started to implement new conservation measures. Besides reinforcing the irrigation restrictions, the District has or will be implementing the following water conservation measures:

- Conduct a Leak Detection Survey on the water distribution system
- Conduct an audit of the District's top 10 water users
- Continue with the Meter Replacement Program to ensure meters are accurate
- Increase public education and public awareness of the need to conserve water through a Public Outreach Program
- Reinforce and encourage compliance with irrigation restrictions.

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.

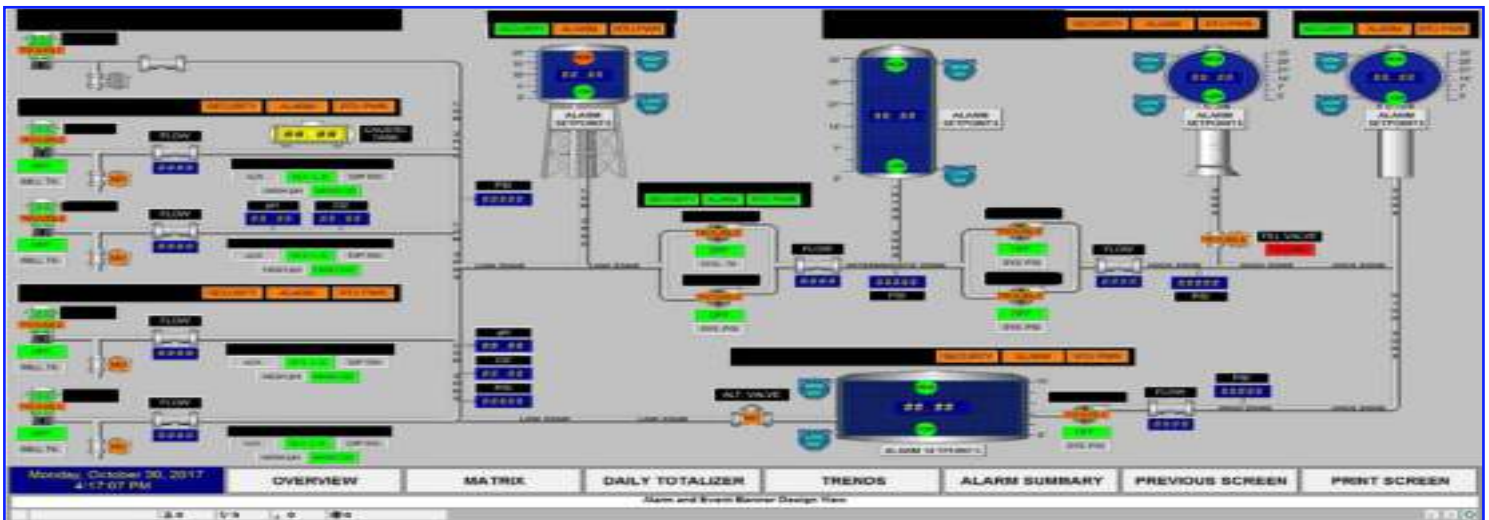


## WATER SYSTEM IMPROVEMENTS - EFFICIENCY AND SAFETY

As part of its annual water system evaluation, the Board of Commissioners always looks to improve the efficiency and reliability of the operating system. Two (2) special projects were authorized in 2017 that will have a significant positive impact on the District's operations.

The Water District just completed the construction of a new chemical injection building at the Shutter Lane plant site. The existing chemical injection system was located in the below grade Pump Station No. 2-1, which was originally constructed in 1956. Because the facility is below grade, it is considered a confined space with limited operator access. In order to improve the efficiency and operator safety conditions, a new above grade structure was constructed that allowed the chlorine and caustic soda feed systems to be relocated. The system was placed into service in early 2018. As a cost saving measure, the District specified a pre-fabricated structure for the building. The total cost of the project was approximately \$275,000.

The District also took a giant step to improving the overall operator efficiency with the installation of a computerized control system. A new SCADA (Supervisory Control And Data Acquisition) system was placed on-line this spring. This PC based control system allows for both automated and rapid response to changing water operations. This system uses a broadband VPN service based communications between the nine (9) Water District plant sites. The SCADA system will allow for computerized trending of plant operations which can be utilized to improve the effectiveness of plant operations. The system will also allow remote access to the system controls. This system should reduce overtime effort and reduced response time to water emergencies. The old control system was originally installed in the 1950's and was no longer serviceable due to inability to obtain replacement parts for outdated control technology. The total cost of the SCADA system is approximately \$631,000.



SCADA Main Control Panel Screen

## Water Quality Report Enclosed

Enclosed with this newsletter is the Oyster Bay Water District's Annual Water Supply Report for 2017. This report presents the facts about the quality of our water supply and summarizes the water quality sampling test results taken throughout 2017. 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).



## DELIVERING EXCELLENT WATER QUALITY

The Board of Commissioners of the Oyster Bay Water District is once again proud to announce that the water quality being provided to our residents exceeds all Federal, State and Local Health Department drinking water standards. The enclosed 2017 Annual Water Supply Statement/Consumer Confidence Report has been prepared to summarize the quality of our water during 2017. As shown in the report, our water meets or exceeds all water quality standards and did not have any water quality violations.

The District continuously tests the water quality from all of our supply wells and from our distribution system. The water tests are conducted by an independent, New York State approved analytical testing laboratory that conducts over 5,000 tests annually, checking for over 180 different parameters. These parameters include inorganic compounds, metals, volatile organic compounds (VOCs) herbicides, pesticides, radiologicals and microbiological (bacteria) tests.

The Oyster Bay Water District takes pride in providing a safe and reliable source of drinking water for our community. Should you have any questions concerning the quality of water, please contact our office at (516) 922-4848.

### **SWIFT911 - EMERGENCY**

#### **NOTIFICATION SERVICES**

If you haven't already, we urge you to sign up for the Oyster Bay Water District Emergency Notification System. The Swift911 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 email address so we may add you to our database.

### **MEETING SCHEDULE**

Please note that the Oyster Bay Water District routinely schedules its meetings every Thursday morning at 9:00 a.m. at the Water District office located at 45 Audrey Avenue. All residents of the District are welcome to attend the meeting. Any changes in this weekly Thursday meeting date will be published in the Enterprise Pilot and on the Water District's Website.



**Tap water is an exceptional value.**  
**We take pride in providing it to you around the clock.**

You can have just about anything delivered to your home these days, but what, other than tap water, costs only about a penny? The Oyster Bay Water District provides water that meets or exceeds all state and federal drinking water regulations and delivers it directly to your tap around the clock for less than a penny per gallon. That's a very small price to pay to have something so essential and useful available at your fingertips at any time of day or night.

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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 follows:

- 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!**

