



# Waterworks

LOCUST VALLEY WATER DISTRICT

SPRING 2016

## Update on Current Well Projects

### Duck Pond Road, Matinecock – WELL #8

Locust Valley Water District officials anticipate completion of an ongoing study by the United States Geological Survey, which has been collecting data from a monitoring well that was installed on Duck Pond Road this past winter. The results will help determine if Well #8 is situated over the newly delineated North Shore Aquifer. Additionally, information will be provided about any natural protective clay barriers that

may exist in the area of the wellsite.

The district awaits the findings of the study, and decision by the New York State Department of Environmental Conservation, to re-drill and deepen Well #8 to mitigate a perchlorate issue and eventually return the well to full service.

The members of the Board of Water Commissioners express their gratitude to the Village of Matinecock for their patience these past few months.

### Horse Hollow Road, Lattingtown – WELL #9

Following many years of research and development, the Locust Valley Water District's newly-developed well on Horse Hollow Road in Lattingtown has been put into service. The site has undergone numerous operational and quality control tests and received all the necessary approvals by the state and county health departments. For the past several months, the well, which was determined to be screened in the North Shore Aquifer, has been supplying water pumped from deep below the earth to

the district's drinking water distribution system.

Along with a new storage tank, which has been operational since late last summer, the well was added to ensure that the district would continue to provide adequate around-the-clock fire protection and meet the public's increasing demand for water. The infrastructure will be particularly beneficial during the warmer months when water use increases nearly 10-fold as swimming pools get topped off and irrigation systems are used to keep lawns green and landscapes healthy.

### Horse Hollow Road, Lattingtown – MONITORING WELL

With the weather warming up and school soon to be out for the summer, the district, in cooperation with the USGS, is scheduled to install a monitoring well on the Nassau County drainage property, just north of the Locust Valley High School. It is one of a handful of new requirements by the New York State DEC for new wellsites on Long Island's north and south shores. Mainly, it will serve as an early warning of any contamination that may possibly move toward the drinking water supply. Additionally, data collected will be helpful if it becomes necessary for the water district

to introduce a treatment facility anytime in the future.

"With advanced technologies more readily available, regulatory agencies are requiring municipal water purveyors to gather more information about the physical and chemical conditions below the ground before approving well-drilling, re-drilling and other similar projects for public water supply," explained Commissioner Anker Johansen. "The district is currently undertaking several well projects that will give us a better understanding of, and aid us in managing, our community's source of water supply."

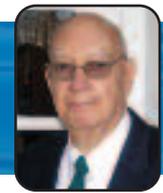
# A MESSAGE FROM THE BOARD OF COMMISSIONERS



Anker Johansen



Louis P. Savinetti



Pasquale J. Eliseo

## Water Quality Standards Being Met

Water provided by the Locust Valley Water District is subject to some of the most stringent government standards and is rigorously tested for more than 140 parameters by independent labs and the Nassau County Department of Health on a regular basis. The 2015 test results are presented in the enclosed Water Quality Report, which New York State requires be sent to consumers each year.

Today, tests are detecting constituents in micrograms per liter, which corresponds to one-part of liquid in one-billion-parts of liquid or parts-per-billion, which can be compared to finding one shiny penny among one billion dimes.

The findings show the district meets all requirements and the water provided consumers meets all standards set by the federal, state and local governments. From good service to system reliability to quality control, the continuous supply and dependable quality of the community's water remain the top priorities of the Locust Valley Water District.

## DID YOU KNOW?



Approximately 400 billion gallons of water are used in the United States each day.



Americans drink more than one billion glasses of tap water each day.



Less than 2/10ths of 1% of the water the Locust Valley Water District pumps is used for drinking water.

## Protecting Against Lead & Copper

In light of the ongoing water crisis in Flint, Michigan, the Locust Valley Water District assures its consumers that it is in full compliance with Lead and Copper Rule standards, which were established by the United States Environmental Protection Agency to protect against lead contamination in the water supply. Following regulatory guidelines, the district has added sodium hydroxide to the water for more than 25 years to raise its pH level, before it enters the distribution system. This treatment has dramatically reduced the amount of lead and copper which may leach from household pipes and plumbing fixtures. However, consumers may wish to run the tap for 30 seconds to further reduce lead and copper levels to non-detectable levels.

Test results are presented in the Annual Quality Report.

## State Support Applauded

The Locust Valley Water District Board of Commissioners and public drinking water professionals throughout Nassau and Suffolk Counties applauded Governor Andrew Cuomo's recent pledge to provide \$6 million to study Long Island's aquifer system, the area's sole source of drinking water, among other important environmental initiatives.

For decades, the area's water purveyors have encouraged the conservation and preservation of water for the benefit of future generations. Additionally, they have worked tirelessly to mitigate the presence of pollutants from landfills and manufacturing solvents that were released into the earth many years ago, some of which date back to the 1940s and 50s. As the contamination has moved through the sandy soil, it has threatened drinking water wells, causing public water suppliers to introduce sophisticated treatment plants, abandon well sites and deploy other technologically advanced solutions.

Industry professionals are hopeful the state funding will help map, and ultimately treat, the groundwater pollutants, for the protection of Long Island's drinking water supply.



## STOP to Keep Our Water Safe

While many items found around the home are environmentally safe, there are some that can be harmful to the drinking water supply if they are thrown out with the regular trash pickup.

The Town of Oyster Bay’s STOP program allows residents to bring hazardous household waste to special drop-off locations, so it can be disposed of in an eco-friendly manner.

“It’s our duty to maintain a drinking water supply that is free of pollutants,” commented Commissioner Louis P. Savinetti. “When we comply with the Town’s STOP program, we are helping to protect and preserve our drinking water source, which sits deep below the ground.”

For more information, including a full list of acceptable and non-acceptable items for drop off, visit the Town of Oyster Bay’s website at [www.oysterbaytown.com](http://www.oysterbaytown.com) or call (516) 677-5943.



### Drop Off Times for All Locations 9 a.m. to 4 p.m.

#### Syosset

Saturday, May 14

Saturday, August 13

Sunday, November 6

Town of Oyster Bay Dept.  
of Public Works Garage  
LIE at Exit 43 (North Service Road)

#### Massapequa

Saturday, June 11

Saturday, September 10

Town Hall South  
977 Hicksville Road

#### Old Bethpage

Saturday, July 16

Saturday, October 15

Old Bethpage Solid Waste Disposal Complex  
101 Bethpage-Sweet Hollow Road

# Conservation TIPS & Reminders



While conservation habits are important for preservation of the drinking water supply, many tips promote healthier landscapes and can even reduce the water bill.

### Water Application Methods

Running the sprinkler system continuously can cause up to 40 percent of the water to wash away. Instead, use the cycle-soak method to minimize waste and give the water ample time to soak into the soil. Set the timer on the irrigation system to operate for periods of 5 or 6 minutes, with rests of approximately one hour in between. Deep saturation should occur after three cycles, which will promote healthy root growth and minimize runoff.

### Don’t Set & Forget

Take note of how the landscape is responding to sprinkling techniques, the type of sprinkler head being used, rain gauge settings and other conditions that could have an impact. Talk to a landscaping professional or licensed irrigation company and explore ways to improve efficiency, save water and maintain a healthy landscape.

In all likelihood, each sprinkling zone requires a different irrigation technique — due to soil conditions, sloping, the direction of the sun, the plants’ tolerance to drought or other factors. Solutions may include varying irrigation settings; cutting back overgrown plantings; updating or changing out equipment or repairing leaks. Additionally, rain gauges should be mounted away from any obstructions and the setting may need to be adjusted to prevent overwatering.

“More than 50 percent of public water use is due to irrigation, so every effort we make to improve sprinkling methods and use less water outdoors can make a difference,” stated Commissioner Pasquale (Pat) Eliseo. “If you haven’t surveyed your irrigation system in recent years, you might be surprised to learn that simple changes can go a long way toward saving water and money.”

**Locust Valley Water District**  
(516) 671-1783

**Administration Office**

226 Buckram Road  
PO Box 531  
Locust Valley, NY 11560

**Board of Commissioners**

Anker Johansen, Chairman  
Louis P. Savinetti, Treasurer  
Pasquale J. Eliseo, Secretary

**Superintendent**

Charles Savinetti Jr.

**Office Hours**

Monday to Friday  
8am to 12pm & 1 to 4:30pm

**Public Meetings**

Second and fourth Wednesday  
of each month at 5pm

**Election**

Tuesday, December 13, 2016  
3 to 9 p.m. – 226 Buckram Road

**Member**

Long Island Water Conference  
Nassau-Suffolk Water  
Commissioners Association  
American Water Works Association

**Established**

1922

STANDARD  
U.S. POSTAGE  
**PAID**  
Permit No. 1  
Locust Valley, NY  
11560-9998

CAR-RT SORT  
POSTAL PATRON  
LOCUST VALLEY, NY

[LocustValleyWater.com](http://LocustValleyWater.com)



## MANDATORY Sprinkling Regulations

The use of water for irrigation purposes for lawns, shrubs, trees, plants and vegetation of any type is regulated by Nassau County ordinances. **Absolutely no watering is allowed from 10 a.m. to 4 p.m.** Watering is permitted all other hours under the following conditions:

- 1 Even-numbered properties and premises without numbers may be watered on even dates.
- 2 Residents with odd house numbers may water on odd dates.

These regulations apply to automatic and manually-controlled sprinkler systems as well as hose sprinkling. Remember, the district does not wish to restrict the use of water, but we do want to stop the waste of this valuable resource. Use only what you need.

## Opening the In-Ground Pool? Starting up the Irrigation System?

Now is the Time  
to Complete Your Annual  
**Backflow Prevention  
Device Inspection**

**Paperwork Must Be Submitted to  
the Locust Valley Water District  
by October 31- EACH YEAR**



Customers with an approved backflow prevention device **MUST** have the device inspected each year by a certified inspector, in accordance with Part 5 of the New York State Sanitary Code. Penalties will be applied if requirements are not met.