



April 2019

Sands Point Water Department

2 Governor's Lane, Sands Point, NY

Water Report

Watch For Aqua-Hawk

A *customer portal* is soon to be released, with the somewhat intimidating name above. It will allow each resident to monitor their own water consumption. Among other things, this tool can be used to track trends, monitor leaks, and set alerts for high hourly or daily water consumption. It can be programmed to text or e-mail you about potential problems. Your current bill has a new account number.

Once the new accounting software is completed, you will be given instructions on how to register for use.

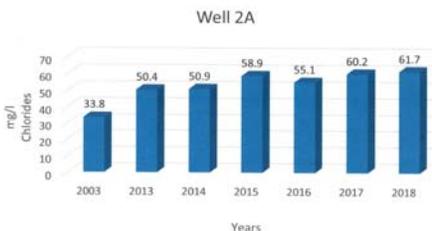
Tanks To Be Cleaned

With the coming of Spring, the South Road tank and the Preserve tank will be cleaned inside and out. Rusted areas will be cleaned and touched up or painted.

It is expected that both elevated tanks will be operational by May 10, 2019.

It is important that you do not activate your irrigation system until the tank work has been completed.

With the co-operation of the Port Washington Water Department, water service will be maintained.



Saltwater Intrusion

Chloride levels are still increasing at the Tibbits Lane site. With Well No.8 going on line, there was some improvement, but it remains a major concern.

The picture above charts the average chloride level in Well 2A from 2003 to 2018. The primary cause is excessive irrigation.

The upward trend can be reversed by not watering when it is raining, reducing the amount of lawn area, using drought tolerant ground cover such as drought tolerant plants, stones or wood chips, and installing a Smart Irrigation Controller.

Use Licensed Company

Please make sure that your irrigation company is licensed to operate in Sands Point. We are finding poor workmanship and mistakes, including improper winterization, with resulting frozen pipes causing major leaks. Your new meters are very expensive. You need a professional to protect you.

The Rains Came

After four years of drought, Sands Point had a Summer in 2018 that brought 5.5 inches of rain above normal. For 2013 through 2016, we pumped over 400 million gallons each year, with a high of 468,000,000 gallons in 2016. Last year we pumped 359 million gallons.

The drought, which can come again, had unpleasant side effects for a Village surrounded by salt water. For example, with the lowering of the water table in 2016, a well broke suction, causing cloudy water to occur from time to time.

With that in mind, the Village pursued a number of initiatives. New meters were installed, providing important monitoring information daily. The use of water controllers was encouraged by a rebate program. The Village Code was amended to permit the construction of a limited number of private wells. Application was made to the New York DEC for the right to construct an additional Village well.

In the final analysis, the most important conservation tool is judicious consumption. On a typical summer day, a resident will use 200 gallons of water for domestic use, but 7,500 gallons will be used for irrigation.

SPRINKLING SCHEDULE : 3 Hrs Water 3 Times a Week

NY To Set 1,4-Dioxane Drinking Water Limits

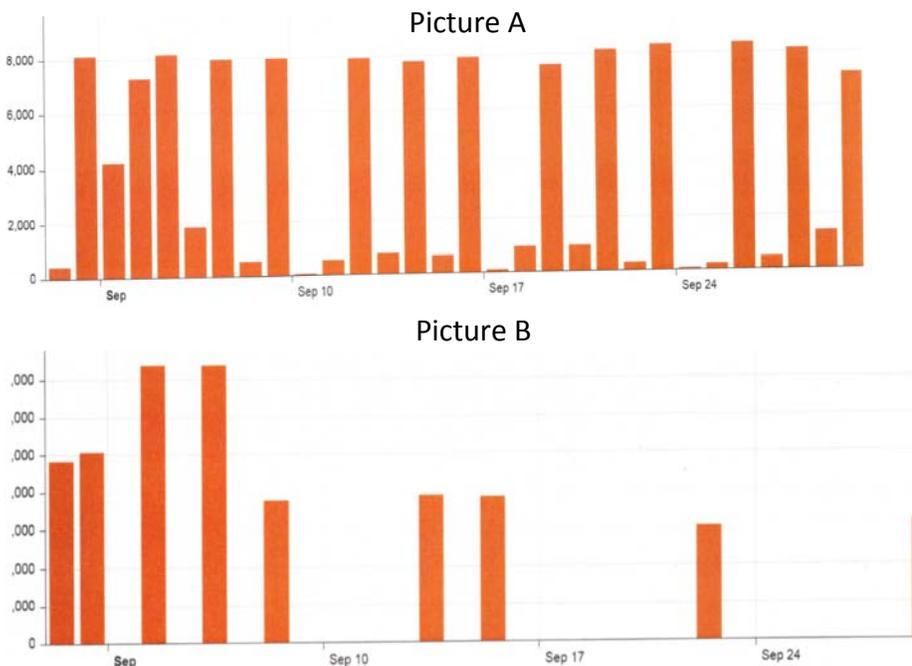
A likely human carcinogen, is how the United States Environmental Protection Agency characterizes 1,4-dioxane, commonly called “dioxane” (since the other variants of it are rarely encountered), which has been found in groundwater. Despite that, the US EPA has not established a standard limiting acceptable concentrations of the synthetic industrial chemical compound.

Used as a solvent stabilizer, the man-made chemical is present in many personal-care products and has found its way into the groundwater that is Long Island’s only source of drinking water. While primarily associated with industrial sites, it is also used in shampoos, detergents, baby products and body washes among other products in common use.

SMART CONTROLLERS REALLY WORK

The best way to reduce irrigation cost, and conserve water, is to install a Smart Irrigation Controller. These units use your existing Wi-Fi to monitor the weather. If rain is predicted, the system will shut-off for at least a day, or automatically reduce the minutes per zone to prevent wasting water. According to some residents, the smart controllers paid for themselves in the first year. Since they reduce the waste of water, as an inducement, the Village offers each resident a \$150 rebate upon exhibiting the invoice and allowing the Water Department to inspect the installation.

Illustrative, are pictures from our Monitor last September when we had 2.16 inches of rain above average. Picture A shows a resident without a Controller and Picture B shows another resident with a Controller, during the same time period.



Manufacturers of these products maintain that they are safe to use, but the issue is particularly troubling for Long Island since there is no water supply other than groundwater.

In consequence, New York State decided that it had waited long enough for the US to take action, and appointed a Drinking Water Quality Council. That group has just proposed a maximum contaminant level (MCL) of 1 part per billion (1.0 ppb). Subject to further study, that recommendation is 7 times lower than the non-compulsory US EPA lifetime health advisory.

Fortunately, the highest current level at any well in Sands Point, is 0.073 ppb. Because dioxane is highly soluble in water, remediation treatment is likely to be very difficult and expensive—perhaps millions of dollars per well requiring remediation.

Daniel Scheyer
Water Commissioner

REGULATIONS

SANDS POINT WATER DEPARTMENT

SPRINKLER SYSTEMS AND POOLS

2019

Automatic Irrigation Systems

The theme this year is water conservation. The Department of Environmental Conservation has requested a 15 percent reduction in water consumption over the next three years. Irrigation systems must not be operated until May 10th and should be turned off by October 30th. Full cooperation from every resident is needed to achieve this goal. The only exception to this rule will be for new landscaping. To obtain authorization to water before May 10th or after October 30th, contact the Water Department at (516) 883-3491 for a special permit.

Please notice the zone in which you reside, together with the days and hours that your lawn sprinkler system may be operated (See other side for details).

Aboveground Watering

If you water with garden hoses with sprinklers or another method, your watering days are the same as the underground sprinkler systems, but the hours are **8:00 A.M. to 11:00 A.M. OR and 4:00 P.M. to 7:00 P.M.** Choose either period, you may not water in both time slots (See other side for the days that you may water)

Residents may operate one system only, either an aboveground or an underground system, not both. **REMEMBER, THE OBJECT IS TO CONSERVE WATER.**

PLEASE NOTE: Residents who water lawns on days or hours other than those established for their residential water zone will be subject to a warning. If a second violation occurs, the sprinkler water service will be turned off. At that time, a notice will be placed in your mailbox requiring a \$500.00 turn-on fee to restore service.

The Sands Point Police Department and Code Enforcement will enforce these essential requirements.

SWIMMING POOL INFORMATION

Swimming pool owners are prohibited from emptying and refilling their swimming pools unless a special permit is issued by the Village. If major structural repairs are required, the owner or the swimming pool service company must file a written request with the Village for permission to drain and refill the pool. Any permitted drainage must be on one's property, not onto streets or the property of others.

THOSE WITH AN UNDERGROUND SPRINKLER SYSTEM

Operating Season: May 10th through October 30th

THE DAYS AND HOURS WILL BE:

MONDAY, WEDNESDAY AND FRIDAY		
<u>12:01 AM – 3:01 AM</u>	<u>4:00 AM – 7:00 AM</u>	<u>8:00 PM – 11:00 PM</u>
Arcadia Drive Arden Lane Backus Farm Lane Cedar Lane Cedar Knoll Drive Elm Court Fox Hollow Hill Road Lighthouse Road Longwood Road Orama Drive Shorewood Drive Sloanes Court Soundview Lane Todd Drive	Ariel Court Cow Neck Road Harbor Acres Road Hicks Lane Hollow Court Lillian Court Luckenbach Lane March Lane Pelham Avenue Prospect Lane Sands Point Road Tudor Lane Vanderbilt Drive West Creek Farms Road	Barkers Point Road Bridle Path North East Road Middle Road Middle Neck Road Mimosa Drive Sands Lane Sands Light Road Seacoast Lane Seagate Court
TUESDAY, THURSDAY AND SATURDAY		
<u>12:01 AM – 3:01 AM</u>	<u>4:00 AM – 7:00 AM</u>	<u>8:00 PM – 11:00 PM</u>
Bridle Lane Cornwall Lane Cornwells Beach Road Forest Drive Hilldale Lane Plum Point Beach Road Pond Lane Redwood Court Shepherds Lane South Farm Road Sycamore Drive Wisteria Lane	Dogwood Lane Glen Road Governors Lane Hoffstot Lane Knoll Road Laurel Lane Oak Tree Court Oak Tree Lane Round Hill Lane Sousa Drive South Road Southeast Road Sterling Lane Tideway Wood Road	Astor Lane Bridle Path Bridle Path East Greenwood Lane Half Moon Lane Harriman Drive Messenger Lane Old House Lane Sloanes Beach Road Tibbits Lane Woodland Drive

CROSS CONNECTION CONTROL PROGRAM

The New York State Department of Health requires that **all** back-flow prevention devices be inspected and tested annually to insure continued reliability.

The purpose of these back-flow prevention devices is to protect the Village water supply from contaminants. Failure or malfunction of the check valves in the back-flow device may result in the return of pesticides, lawn fertilizers, pool chemicals, or other contaminants into the Village water mains in the event of a sudden drop in the system pressure. You must comply in accordance with New York State Health Department rules and regulations (Chapter 1, Part 5, Section 5-1.31 of the State Sanitary Code). **Please assist with this requirement so that countless letters and reminders do not have to be mailed out.**

Following is a partial listing of New York certified back-flow device testing companies available for making the inspection. They will test your device(s) and provide you with a copy of New York State Department of Health Report on Test and Maintenance Form. (DOH-1013)

We would appreciate your cooperation in this matter; you must have your back-flow devices tested before July 1, 2019. Homeowners who do not comply by the deadline indicated will be fined \$250.00 per device. If not paid, the water will be shut-off to the service line of the lawn sprinkler system. Fines will be issued after July 15, 2019 for non-compliance.

PLEASE NOTE: There are numerous homes in the Village that have two back-flow devices installed. One is for the domestic service, the other is for the sprinkler system. If you have two devices, both must be tested. Most complaints the Sands Point Water Department receives about inadequate water pressure is a direct result of the lack of testing and maintenance of the back-flow device on the domestic service. Please have both devices tested and serviced.

We ask that you consider installing a Smart Irrigation Controller. These systems will save water by monitoring the weather and adjusting the hours, days, and amount of water applied to your landscaping based on precipitation. Sands Point Water Department has seen tremendous water savings by residents that installed these controllers.

If you have questions, please contact the Water Department at 883-3491.

<u>TESTERS</u>	<u>TELEPHONE #</u>	<u>TESTERS</u>	<u>TELEPHONE #</u>
Anndrasick, Richard	(516) 225-5828	Lynch, Peter	(516) 671-3536
Backflow Specialists	(877) 667-8382	Matero, Vincent	(516) 944-3035
Bonavitacola, Mike	(516) 767-1528	Nassau Backflow	(516) 767-2901
Chodrowski, Tom	(516) 293-7634	O'Neill, Tim	(516)739-5144
Christian, Kevin	(516) 667-4834	Pacific Lawn Sprinklers	(516) 326-1222
Cow Bay Sprinkler	(516) 883-8484	Santodonato, Tony	(516) 746-8631
Grella, Anthony	(516) 676-7055	Shields Plumbing	(516) 767-0300
Joseph, David	(516) 794-8330	Skilba, Jasper	(516) 947-0538
Kaszuba, Danielle	(516) 938-2919	T. DeVito & Sons	(516) 729-5148
Koros, Jack	(516) 747-5066	Tracey, Thomas	(631) 462-6722
Leto, John	(516) 321-9808	Viable Water Solutions	(516) 581-0138

INC. VILLAGE OF SANDS POINT
P.O. BOX 188
PORT WASHINGTON, NEW YORK 11050-0109

Annual Drinking Water Quality Report for 2019

WATER COMMISSIONER:
DANIEL SCHEYER

WATER SUPERINTENDENT:
BRIAN J. GUNDERSON

Chapter 168. WATER

§ 168-20. Accessibility and maintenance of curb boxes and water meter pits.

A. Curb boxes to be accessible and at ground level. Curb boxes must be at all times accessible and level with the ground surface. Where the elevations of the ground surface have been changed after the curb box has been installed and the curb box is either too high or too low, the consumer must immediately raise or lower the curb box to the new grade. Failure to alter the curb box promptly will result in the water supply being shut off until the work is done, and a turnoff and turn-on charge will be made to cover the labor and expense by the Village resulting from the consumer's neglect. (See §§ **168-48** and **168-49**.)

B. Water meter pits to be accessible and maintained. All water meter pits shall be free of vegetation and debris. Meter pits must be accessible so that the meters can be read. Water meter pits shall be maintained and kept in good repair by the property owner.