



April 2010



Sands Point Water Department  
2 Governor's Lane, Sands Point, NY

# Water Report



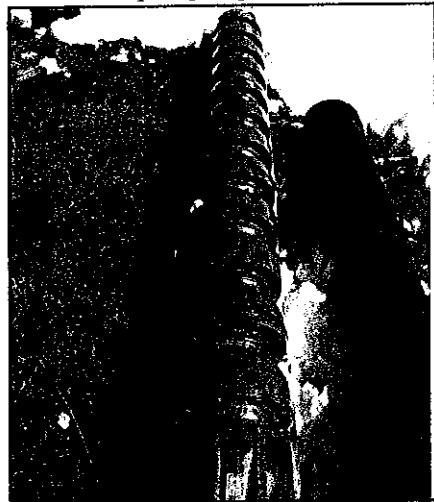
## New Pump and Motor Installed in Well No. 3

The motor on Well No. 3 failed after a routine start up on February 2, 2009. The well is vital to the operation of the water system, and the repair was made on an emergency basis at a cost of \$43,200.

Pictured above is the contractor undertaking to replace the submersible well pump and motor on the well which is located on the grounds of the Village Club.

The prior pump and motor were in service since 1993 (which exceeded the life expectancy of this type of equipment.)

The new pump is pictured below.



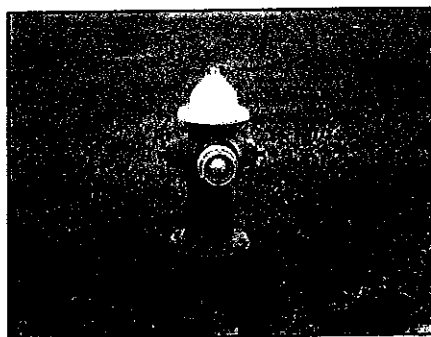
## FIRE SAFETY DEPENDS ON HYDRANTS

*If there is a fire*, the priority of the Fire Department is to obtain a reliable water source to contain the conflagration. The first line of defense is the nearest fire hydrant - so common a part of our landscape that its very existence is taken for granted. And yet, an operative, accessible hydrant is essential for your safety and for the safety of your neighbors.

While it may not be a chic addition to your landscaping, the importance of a hydrant can be recognized by the significance your fire insurance company places on its distance from your property.



*Hydrant obscured by vegetation*



*Hydrant free & clear, with special Quick Access Fire Dep't fitting*

## Lawn & Sprinkling Schedule for 2010

Same as last year -  
3 Hours watering  
Three times a week

Maintenance of hydrants is a primary function and responsibility of the Water Department. Hydrants need to be maintained in a ready condition through regular flushing, inspection, lubricating, cleaning and painting.

In order to insure continued uninterrupted service, the Water Department has a hydrant replacement program that anticipates the replacement of five to ten aging hydrants each year.

Water and fire hydrant systems involve substantial capital expense. It is not uncommon for each installation to cost \$10,000 with a special fitting for quick Fire Department access.

Even if the hydrant is in prime operating condition, its usefulness will be diminished if it is not visible to the Fire Department from the street at all times.

Villagers should instruct their gardeners to keep hydrants free from vegetation, including tree limbs and shrubs.

Unauthorized users often do not turn off the hydrant completely and this can cause a water lock. If you see anyone - other than Water or Fire personnel - accessing a hydrant, call the Sands Point Police.

## 10 Year Needs Study

Most municipalities throughout the United States are coping with aging infrastructures. Our Village has similar concerns.

In fact, we found a water main on South Road that had the year "1928" welded on the water main.

To provide for coherent planning, the Trustees had the Village's water engineers prepare a Ten Year Capital Needs Study running to 2019.

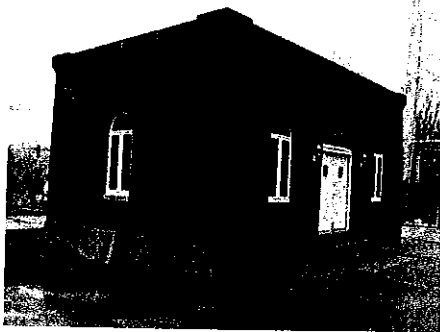
Among the principal recommendations are improvement of the distribution system, adding another well, rehabilitation of wells 3 and 4 (at the Village Club property) and upgrading the water control system with a Supervisory Control and Data Acquisition System ("SCADA"). The existing system uses leased telephone lines and tone equipment. It is subject to failures caused by fallen tree limbs, ice and wind. The equipment has exceeded its useful life and new parts are no longer available. The system is the method by which the tank levels, pumpage and pressure data of each remote well site is gauged at the central office. An added benefit of SCADA is the ability to have video surveillance.

The engineers also suggested adding a generator and, of course, continuing the program of fire hydrant replacement.

They identified as the most critical projects, upgrading the water control system, adding another generator and replacing our 1000 gallon fuel oil tank. The estimated cost of the projects identified as critical is \$1.5 million dollars.

Existing wells 3 and 4 are in vaults below ground, making sampling and maintenance difficult. It is recommended that the vaults be demolished, the well casings raised above grade, and housing constructed around each well.

With the construction of our 1,000,000 gallon water tower, it was concluded that no additional water storage capability is required.



## Record March Rainfall Follows Soggy 2009

Long Island experienced the wettest March this year since records started being kept in 1949.

In 2009, our Village also experienced significantly higher amounts of precipitation, particularly in June and July.

In consequence, the water pumpage last June was only 37 million gallons. The Water Department has not recorded that low a consumption in over 10 years.

The total amount of water pumped in 2009 was 353 million gallons, which was 60 million gallons less than in 2008 and 100 million gallons less than in 2007.

## Seek Less Fertilization

Although still below the maximum contaminant level (MCL) of 10 milligrams per liter (mg/l), the nitrate levels in the Village's water supply wells have increased recently.

Village Hall no longer receives any fertilizer, and we ask all residents to notify their gardeners to reduce the amount of fertilizer being applied to your lawns. The limit should be 2.0 pounds of nitrogen per 1000 square feet per year. Multiple applications at rates of less than half a pound would reduce nitrogen leaching and reduce the run-off into the harbors and Long Island Sound.

The Village hired a hydrogeologist and agronomist to develop a nitrogen management program for the Village Club, and their recommendations are being implemented this year. Homeowners also need to protect the Village groundwater.

## Water Talk

For a number of years in the 1930s the water service to the Village was supplied by the Port Washington Water District. But a part of the Village was outside of its boundary area. In consequence, those Villagers outside of the district boundary were charged at a much higher rate.

As the Village grew, those outside the PW district felt that it was difficult to obtain adequate affordable service and the Village determined to develop its own water supply district.

Pictured (at the left) is the original Village Hall of Sands Point, which also served as the Water Department. This charming building - with all of its historical connotations- is located off Tibbits Lane and serves currently as an office of the Water Department.

For those interested in the history of the Village, it is fun to explore the building. You can call Brian Gunderson for a tour.

On March 4, 1938, the County approved the construction of the Village's water works system.

This was implemented by the Tibbits Lane tank (a corner of which is visible from the photo) in March, 1938.

We had more than our share of a difficult winter. While there were not that many snowfalls, the ones that we got were a caution.

We are usually concerned about being able to get our car out of the driveway so that we can get on with our lives - but as suggested in our lead article, next year we should also insure that our snow removal contractors remove snow from any fire hydrant that is located on or near our property.

The Fire Department must see it.

**Daniel Scheyer**  
Trustee & Water Commissioner

**REGULATIONS**  
**SANDS POINT WATER DEPARTMENT**  
**SPRINKLER SYSTEMS AND POOLS**

**A. Underground Sprinkler Systems, Including Those With Private Wells**

1. 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).

**B. Aboveground Watering**

1. If you water with garden hoses, tricklers, oscillating sprayers 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 time 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 Water Department personnel 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**  
**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 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

**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  
AND  
RAIN SENSOR INSPECTION**

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).

Following is a 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 August 15, 2010. Homeowners who do not comply by the deadline indicated may be subject to a \$250.00 fine per device and/or the shut-off of the service line to their lawn sprinkler system. Fines will be issued after August 15, 2010 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.

Rain sensors must also be inspected and certified to assure proper operation.

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

<u>TESTERS</u>	<u>TELEPHONE #</u>	<u>NYS CERTIFICATION</u>
AAA Backflow	(800) 479-7305	01902
Andrasick, Richard	(516) 225-5828	06839
Bonavitacola, Mike	(516) 767-1528	06020
Chodrowski, Tom	(516) 293-7634	01659
Christian, Kevin	(631) 667-4834	00240
Grella, Anthony	(516) 676-7055	00074
Joseph, David	(516) 794-8330	04380
Kaszuba, Danielle	(516) 938-2919	05644
Koros, Jack	(516) 747-5066	06787
Leto, John	(516) 883-8552	00275
Lynch, Peter	(516) 671-3536	00276
Matero, Vincent	(516) 944-3035	04585
Nassau Backflow	(516) 767-2901	04762
O'Neill, Tim	(516) 739-5144	04768
Pacific Lawn	(516) 326-1222	00780
Santodonato, Tony	(516) 746-8631	00917
Shields Plumbing	(516) 767-0300	05429
Sholder, Steve	(516) 883-8552	06739
T.DeVito & Sons	(516) 729-5148	06580
Tracey, Thomas	(631) 462-6722	04937