

HICKSVILLE WATER DISTRICT

WATERGRAM

News on Nitrate Project at Plant 8

The District is extremely pleased to announce that Plant No. 8 located on Dean Street is back on line! The innovative project is comprised of two production wells each with a capacity of 1,400 gallons per minute (two million gallons per day each). The facility is also the location of a 1.5 million gallon storage tank. Plant No. 8 is a major production facility for the District.

The plant already has a water treatment system in operation to remove organics, but it has been recently challenged by the increasing levels of nitrates in the supply at this location. Nitrate levels are continually monitored and production is controlled so as to ensure compliance with drinking water standards.

In order to deal with the issue, the District embarked upon a program that led to the installation of an ion exchange treatment system that removes nitrates from the supply water. This plant will be the only operational nitrate treatment system in Nassau County. The design approach is well-established and was reaffirmed by pilot testing that was conducted by the District a few years back in the event that they had to

move in this direction. Construction at the plant is now complete and the system is in the startup phase.

Commissioner Karl Schweitzer is proud that, "Construction has been completed on schedule and equally important, on budget. The ion exchange system's performance will be continuously monitored. This project did not require debt financing and was funded out of operations while still maintaining a flat budget. Our goal is to provide quality drinking water with affordable rates, the District is glad that through proper bonding and financial management we have not had to increase our customer rates in order to secure the necessary updates."



The District added a "green" feature to the project with the installation of a solar panel array mounted on the roof of the treatment building. There are 27 solar panels with each producing 224 watts. They generate a total of 6 kW of power, which is sufficient for the building's lighting

requirements and more. The solar element of the project received a significant grant from LIPA, thereby lowering the costs to District residents.

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Superintendent
William E. Schuckmann

From the Desk of Superintendent Bill Schuckmann

On behalf of the District, I would like to express our sincerest thanks and gratitude to all the customers who “adopted” a hydrant this past brutal winter, and kept the hydrants cleared of snow. With the massive amount of snow, we know this was not a simple task but one that is vital to the community. Keeping hydrants clear of snow and debris is essential, especially in emergency situations when personnel are responding to an incident. I know that many people may not enjoy shoveling especially after the 3rd or 4th snowfall, but I commend all of our residents and business customers who did their part and kept the hydrants clear. This is what being part of a community is all about.



Additionally, Newsday ran a story about pranksters who opened a dozen fire hydrants in Smithtown and Brookhaven. The incident appeared to be a coordinated scheme that took the respective fire departments approximately 2 hours to close the hydrants. The HWD urges you to report any suspicious activity immediately.

With spring in full bloom, the Hicksville Water District will once again start up our annual maintenance of the 1,600+ hydrants located within our jurisdiction. In order to ensure the hydrants are always functional and able to be seen by our crews as well as the Fire Department, we must continue to monitor and test them. Typically the maintenance program involves flushing the hydrants, checking the pressure, ensuring caps are functional and properly attached, lubrication and checking for leaks. Additionally, we paint the hydrants so they remain bright and visible.

So again, thank you for all your cooperation throughout the winter and I think its safe to say that we are all looking forward to clear sunny skies over the next few months.

- Bill Schuckmann

‘ROUND THE CLOCK EFFORT to Restore Water to 14th Street Homes

This past February, a fallen power line struck a gas service line box which sent an electrical charge through the service line and back through the gas main. The electrical charge hit the gas main and a water line, causing a small hole in both lines which introduced water into the natural gas line. The National Grid incident demanded swift response and cooperation from the District in order to bring back water service to the 13 homes on 14th Street between Meyers Avenue and Burns Avenue.

The Hicksville Water District issued a “DO NOT USE PUBLIC WATER” alert along with safety precautions, and personally delivered these messages along with bottled water to each of the thirteen homes. The Nassau County Department of Health and the American Red Cross were extremely valued partners throughout the ordeal, by providing support and answering questions. Water quality samples were taken the night of the incident and for the following 3 days. “Testing was coordinated with H2M Labs to ensure water quality was restored prior to introducing it back to the homes,” said Commissioner Nick Brigandi. Additionally, the District flushed out all service lines in the meter pits and new water meters were installed to each of the thirteen homes. Post-flushing continued over the following days and full service was restored within 3 days.



14th STREET



COMMISSIONER UPDATE!

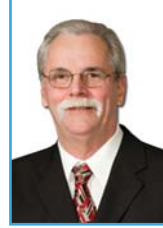
Upcoming Bond Projects



Chairman
Nicholas J. Brigandi



Secretary
Karl M. Schweitzer



Treasurer
Warren Uss

The Hicksville Water District prepared a Master Plan in 2008 that outlined its long-term capital needs and presented its findings in a series of community meetings. The District also presented its funding requests at public hearings before the Town Board of Oyster Bay and the Town Board of Hempstead. Both approved the District's request for bonding of the recommended projects. The focus of the capital program is on maintaining excellence in water quality through water treatment.

HWD's capital program includes:

- **Plant No. 5** on Stewart Avenue will be upgraded in its entirety and will include a new and more efficient treatment system for organics.
- **Plant No. 6** on Kuhl Avenue will be upgraded by adding a water treatment system for organics and a treatment system for nitrates.
- **Plant No. 1** on Bethpage Road will see the addition of a treatment system for nitrates.
- **Plant No. 11** on Old Country Road will include a new treatment building for year-round operation and an emergency generator (carbon treatment units are fully operational).
- **Plant No. 3** on Jerusalem Avenue will be reactivated with the addition of a water treatment system for organics and a treatment system for nitrates. It will provide an additional well to the District and improve pressure in the southeast section of Hicksville.

The first phase of the redevelopment program will address Plant Nos. 5, 6 and 1. The overall program will be financed through a bond issue. Commissioner Warren Uss explains, "The District's annual planning incorporates the financing within the existing capital program and will result in no additional cost to HWD customers. The multi-year program is now in the design phase with construction expected to begin in the fall of 2010. We will keep our residents up-to-date as the program progresses."



5



6



1



11



3

Main Leaks

From October 2009 through March 2010 the Hicksville Water District repaired a total of 31 reported main leaks. Our field crews worked diligently throughout the cold winter and responded to all notifications within a timely manner.

Because leaks can happen at any time of the day or night, the District makes sure that we always have a field team on call 24/7/365. We thank our employees for their hard work, determination and commitment to our community.





HICKSVILLE WATER DISTRICT

WATERGRAM

Presorted
Standard
U.S. POSTAGE
PAID
Permit No. 1039
Hicksville, NY 11802

Hicksville Water District

4 Dean Street
Hicksville, NY 11801

(516) 931-0184
(516) 931-6506 (Fax)
www.hicksvillewater.org

Board Meetings

Second and fourth Tuesday of the month at 5 p.m. at the District office, unless otherwise announced.

Business Hours

8 a.m. to 4 p.m. weekdays

Superintendent

William E. Schuckmann

Account Clerk

Doreen Brunning

Commissioners

Nicholas J. Brigandi, *Chairman*
Karl M. Schweitzer, *Secretary*
Warren Uss, *Treasurer*

24-Hour Emergency Number

(516) 931-0184

Member

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

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HWD Tips to Save Energy



Saving energy isn't just good for the planet; it's good for your wallet. By making simple changes, you can put more "green" in your wallet that you can use to splurge on your family or yourself.

Tame the Toilet

A constantly running toilet can use up to 8,000 gallons of water each year! Save water by installing a toilet repair kit that features a new valve, flapper and other devices that will conserve water. Average savings: About \$40 per year.

Fix Leaky Fixtures

Aside from causing that annoying "drip," leaky faucets can also cause a spike in your water bill. Replacing the aerator and rubber washer will cost you pennies yet save you dollars in the long run. As for the showerhead, consider installing a flow-restricting model. A family of four can conserve 10,000 gallons of water per year. Average savings: \$100-\$300 per year. That should cover a few dinners out for the family!