



► Spring 2011

# WATER CONNECTION

A Publication of the Port Washington Water District

## Capital Improvement Campaign to Begin in 2011

**A**s part of our ongoing commitment to our customers, it's important that we continually upgrade and update our well stations. We're happy to report that several important capital improvement projects are to be implemented over a five-year period throughout the Port Washington Water District. The funds for these improvements will be provided through a Bond Issue with the Town of North Hempstead, which will cover costs for treatment plant upgrades, water main improvements, water storage tank rehabilitation and a new booster pumping station.

*(L to R): PWWD Water Commissioners David Brackett, Peter Meyer and Thomas Murray, Jr. inspect the pilot testing program at the Hewlett Well 4 site.*



### NEW CONSTRUCTION

A new Packed Aeration System will be constructed at the Bar Beach Well 6 site for the removal of Volatile Organic Contaminants (VOCs) detected in the raw water. The District recently removed this well from service. Therefore, completion of this project is designated high priority. Preliminary plans also include architectural and landscaping features to help blend the new facility into the community.

### HIGH PRIORITY NITRATE TREATMENT PLANT

The District has been detecting slowly increasing concentrations of nitrates in the water at the Hewlett Well 4 site. While the concentrations are still below the levels allowed by the New York State Department of Health, the District has begun planning for a nitrate treatment plant. Pilot testing for an ion exchange treatment process has been completed and the detailed design will begin this spring. Implementing this project is a high priority for the PWWD.

### EVALUATING ALTERNATIVES AT BEACON HILL

The 250,000-gallon elevated water storage tank at Beacon Hill is due for rehabilitation in the next few years. Due to the age and condition of the tank, the District is evaluating alternatives for rehabilitation as compared to a complete replacement of the tank. *Continued on back page...*

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# Message from our Superintendent

## PWWD Quick On The Scene



Enjoy the upcoming season and have a safe and happy Memorial Day Weekend.

**Greetings!** I think all of us are looking forward to the warmer days of summer after enduring one of the harshest winters in recent history. On behalf of the Commissioners and the entire District, we wish to thank our customers for shoveling out our fire hydrants during the snowstorms. It's nice to see that we can all work together, and that's what being a "community" is all about.

The PWWD would not be a well-organized and resourceful municipality if it were not for our outstanding field crew. The staff is on call 24/7/365 to respond to any call or emergency need. I thank our crew who worked diligently throughout the winter and repaired over 12 water main breaks.

As one season ends and another begins, please be mindful of conserving water this summer. Help us to deliver quality water without disruption during peak pumpage months.

– Italo J. Vacchio  
Superintendent



"I thank our crew who worked diligently throughout the winter and repaired over 12 water main breaks."

Tyler Doyle, PWWD Water Servicer, works to repair a water main break during the winter season.

## Required Backflow Testing

A backflow condition may arise when very low or negative street pressure occurs due to water main breaks, hydrants knocked over, etc. Although this may not be a common occurrence, it is imperative that ALL customers not only have a backflow device installed by a professional (see our website for complete list) but also that this device is tested EVERY 12 MONTHS as per the Nassau County Health Department. Water in homes and commercial plumbing systems may be contaminated if this is not installed.



Commissioner Peter Meyer notes that, "Backflow prevention devices, when properly installed

and maintained, guard against these conditions, so please check with our office or website regarding requirements when installing new plumbing systems that include new underground irrigation." The PWWD website has the required forms under the "Notifications" page.

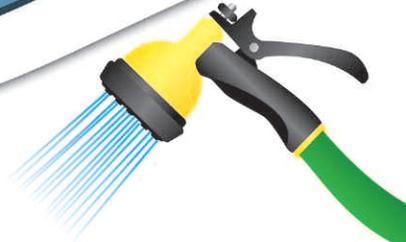
Additionally, licensed plumbers or sprinkler/irrigation contractors are also knowledgeable of these mandatory requirements. Visit our website at [www.pwwd.org](http://www.pwwd.org) for more information.



# Be Mindful of Conservation During The Peak Summer Season



- Water your lawn and garden early in the morning or at night to avoid excess evaporation. Nassau County Ordinance prohibits watering between 10 a.m. to 4 p.m. year round.



- Install a spring-loaded shutoff nozzle on each garden hose to avoid water waste.



- Walk across your lawn. If you see footprints in the grass, it's time to water.



- The use of a hose for flushing driveways, sidewalks and streets is prohibited.

With the warmer weather approaching it's important to be mindful and look for ways to conserve water. Since lawn and garden irrigation can account for up to 70% of total water consumption, here are a handful of quick tips to keep in mind for outdoor water usage:



- Even numbered addresses and non-numbered homes can water on even numbered days; odd numbered addresses can water on odd numbered days.

- For gardens, make small irrigation ditches along rows of plants and flowers.

- Always remember to check underground sprinklers, pools and spas for leaks.





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### Commissioners:

Thomas J. Murray, Jr., Chairman  
David R. Brackett, Treasurer  
Peter Meyer, Secretary

### Superintendent:

Italo J. Vacchio

### Board Meetings:

Every Wednesday 8:00 a.m. except the second Tuesday of each month when the Board meets at 7:30 p.m. All meetings are at the District Office unless otherwise announced.

### Business Hours:

8:00 a.m. to 4:00 p.m., Weekdays

### 24-Hour Emergency Number:

(516) 767-0171

### Member:

American Water Works Association  
Long Island Water Conference

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## VISIT OUR WEBSITE

for more information about  
PORT WASHINGTON WATER DISTRICT

[www.pwwd.org](http://www.pwwd.org)



## Capital Improvement Campaign continued from cover

### HARBOR PARK DEVELOPMENT

Water consumption continues to grow at the Harbor Park area. The District is beginning to experience difficulties maintaining flows and pressures during peak conditions in the summer time. To address this issue, the District proposes to construct a new ground storage tank and pumping station. The location of this facility will be determined based on the District's ability to acquire land in the area. This project is scheduled to begin in 2015.

### WATER MAIN REPLACEMENT PROGRAM

To improve water pressure and fire flow capacity, the District will begin replacing 20,000 feet of 4-inch water mains with new 8-inch ductile iron water mains throughout the distribution system. The plan calls for a new water main improvement project to be performed during each of the next 5 years.