

Dennis Water District

Board of Water Commissioners

Paul F. Prue, *Chair*
Charles F. Crowell, *Vice Chair*
Peter L. McDowell

Main-Line News

www.denniswater.org

Appointed by Water Commissioners

David Larkowski, *Superintendent*
Sheryl A. McMahon, *Clerk & Treasurer*
James Ritchie, *Asst. Superintendent*

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Water Tank Back in Service

This past spring the District completed the scheduled repairs and maintenance on the Old Bass River Road Tank. The initial scope of the project was to clean the interior of the tank and power wash and paint the exterior.

As the interior cleaning phase progressed, small blemishes in the paint were discovered. The imperfections were wire brushed to bare metal and then an epoxy



Asst. Superintendent Jim Ritchie and System Maintenance employee Jon Moore apply paint over patched areas known as "stone bruises".

patch system was applied. The apparatus inside the tank which mixes water for more even temperature distribution required replacement of the hold down brackets and an inspection of the welds. The interior was painted and is now expected to remain in good service for ten or more years.

See "Tank" continued on reverse

Voluntary Odd/Even Watering

Throughout the year, the District monitors ground water levels and compares them to approximately 50 years of historical data in order to evaluate current conditions. Cape Cod water suppliers, with the help of the United States Geological Survey (USGS) and Massachusetts Department of Environmental Protection (DEP), are drafting drought management plans to establish indicators to assess the status of water resources and minimize any adverse impact of withdrawals on the environment. One of our goals is to maximize the ability of the water resources to support all of its uses.

The Board of Water Commissioners recently recommended a draft Drought Management Plan that identifies action steps that would be implemented under specified conditions. While current ground water levels are at normal or just below the 50th percentile, they have been there for a number of months. This condition, along with below average rainfall (-7.01"), indicates a change in conditions.

Under the District's draft plan, current conditions are moving our status from **Normal** to **Advisory** which requires a slightly heightened awareness of the potential for increasingly stronger actions in order to safeguard the water supply. The advancement from **Normal** to **Advisory** status means that customers in Dennis should, under voluntary efforts, modify their outdoor watering habits to no more than every other day. Odd numbered houses should limit watering to odd numbered calendar days and even numbered houses should limit watering to even numbered calendar days.

Lawn irrigation is the single greatest non-essential use of potable water. Although customers may enjoy green grass during the summer months, outdoor watering is the first category of water usage restricted in order to protect our overall water resources. On July 30, 2012, the Board of Water Commissioners voted to implement the voluntary odd/even outdoor watering plan in accordance with the draft Drought Management Plan. We respectfully request that all customers do their part and abide by this voluntary request.

For Questions please contact the District office at 508-398-3351 or visit our website at www.denniswater.org.

"Tank" continued...

When the exterior part of the project began, a number of items needed to be addressed. The light and vent on the top of the tank were corroded and were replaced along with wiring around the cat walk and rusted tank bolts. Finally, the exterior was pressure washed and two coats of paint where applied.

It is anticipated that the next maintenance project on this tank will require the erection of a full containment system around the tank and the entire surface will be sand blasted and recoating of the entire tank will be required. The estimated cost for that scope of work is about \$500,000.

This project, which is unprecedented, was the initiative of District Superintendent David Larkowski. The project exemplifies the outstanding qualities of leadership and team building necessary to undertake such an arduous task as prepping and painting a 1.3 million-gallon water tank. District personnel were trained and certified to safely rig harnesses, scaffolding and lift equipment in order to clean the inside tank walls and to clean, prepare and paint the entire outer surface of the tank. They are to be commended for their enthusiasm and courage (not every one can work 100 feet above ground). The actual cost was approximately \$70,000. Original estimates for just the outside cleaning and painting was \$180,000.

Trivia: How many gallons were used to paint the tank?
A) 178 B) 145 C) 110

Depot Street Water Main Extension

In September, the District will begin the installation of approximately 5,000' of 12" water main on Depot Street from just north of Depot Road then south to Upper County Road. This work is being done prior to the Upper County and Route 28 bridge work also scheduled to begin this fall. During various phases of these bridge work projects, a number of water mains that service Dennisport will need to be taken out of service. This 12" extension main will become the largest water main to serve Dennisport that does not cross a bridge. It will be protected from severe storms because it will be underground.

During the installation, it is anticipated that Depot Street will be closed to through traffic. Neighborhood traffic will be allowed in and out of the area. During the day, traffic will be detoured to Telegraph Road. Local residents will be updated from time to time on construction and traffic details.

Several years ago, the 8" main that crossed under Swan River at the Route 28 bridge broke and was never



This is a public emergency notification system used to send critical information to all or part of a community. The system was put in place for benefit of the residents and businesses of the Town of Dennis.

Call numbers are obtained from various data bases. Individuals and businesses are encouraged to verify your calling number and even add cell phone, text or email messaging information. You can access your information by visiting the District's website, click on CodeRED® button and follow the instructions. If you would like to have the information entered manually, please call our office at 508-398-3351.

Into Downloading Apps?

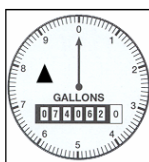
We have one for you. Now you can download an App for your iPhone or Android device by visiting your providers App center. With the GPS function enabled on your device you will receive CodeRED® alerts within 50 miles of your location wherever you happen to be. The CodeRED® App is "FREE" but, there may be a download charge for other associated apps such as weather.



5,000' of 12" water main are stockpiled for installation on Depot Street

replaced. The bridge replacement work will benefit the District's distribution system because Mass Highway will replace this main and it will be relocated to the new bridge.

Our water main extension project will be done with District personnel and is expected to take two months. Road repairs will be completed the following spring after the road has settled. No water service interruptions are expected during the project.



Water Tip: We strongly urge all customers and especially customers with lawn irrigation systems, to read their meters at least monthly. Don't be surprised with an extraordinary water bill in February for having a green lawn this summer! Know what you are using for water and you will know what your are spending for water.

Trivia Answer: 110 gallons