



RIVERHEAD WATER DISTRICT ~ ONE OF A KIND

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Jodi Giglio - Councilwoman

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8:30 a.m. - 4:30 p.m.

www.townofriverheadny.gov



The Water District is also continuing to implement its revised Water Conservation Program as explained on Page 2 to reduce the maximum water use on hot summer days and eliminate the need to construct additional supply wells.

Attached to this newsletter is a copy of the District's 2018 Annual Water Supply Statement that summarizes the water quality provided by the Riverhead Water District. As shown within this report, the District's water supply meets or exceeds all Federal and State water quality standards.

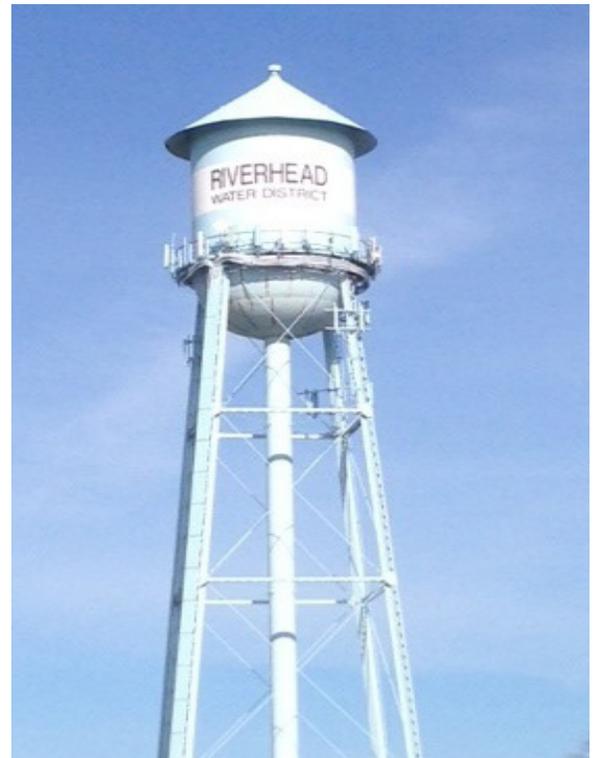
The Water District's staff is dedicated to providing superior water quality in a cost-effective manner, ensuring a reliable source of water 24 hours a day ~ 365 days a year. The Water District is one of the most essential services provided by the Town of Riverhead.

Please contact the Water District office at 631.727.3205 if you have any questions concerning your water supply.

Laura Jens-Smith
Town Supervisor

The Town of Riverhead is the only Town on Long Island that acts as the sole source public water supplier for its residents. The Riverhead Water District has been the life blood of our Town for over 100 years. No community can grow and thrive without a safe and reliable supply of water. From high quality drinking water to a sufficient supply of water for fire protection, these are the services we rely on from our Water District. The public health of our community is dependent on a reliable public water supply. The Town takes pride in being able to provide this essential service ~ hopefully for another 100 years.

The Town has recently approved several capital improvement projects to maintain and improve our water infrastructure as detailed on Page 3 of this newsletter.



*Riverhead Water District - Providing Water To The Community
For over 100 Years!*

WATER CONSERVATION PROGRAM CONTINUES!

Due to the demand on a typical hot summer day, the Riverhead Water District needs to pump up to 20 million gallons per day. This amount of water is over six (6) times what is pumped on a typical winter day. This huge increase can mostly be attributed to lawn irrigation. It is estimated that up to 80 percent of the water pumped on a hot summer day is used to irrigate our lawns.

What this means is that the Water District must maintain and operate all 17 wells to meet the peak day water demands for the few peak days of the year, while we only need 3 or 4 wells to meet the water demand during the winter period. Therefore, as our water use continues to increase, the District will need to construct new supply facilities. As discussed within this newsletter, the District is in the process of identifying new well locations and is proposing a test well program to locate future well sites.

Rather than constructing several new supply wells, the District encourages water conservation by the residents of the District as a means of reducing our peak water use demands.

Over the past 20 years, the overall water use across Long Island, including Riverhead, has continued to increase. The New York State Department of Environmental Conservation (NYSDEC) has stated their concern that if water conservation is not implemented on Long Island, there could be an adverse impact to the underground aquifer system.

The Town of Riverhead and The Riverhead Water District agreed there was a need to update their Water Conservation Plan as a way to reduce summer pumpage by approximately 15%. The District prepared an updated plan in 2017 and has started to implement new conservation measures. The District will be continuing with the following water conservation measures:

- Completed a Leak Detection Survey across the entirety of the District's 235 miles of water main.
- Increase Public Outreach/Public Education Program to encourage water conservation
- Meet with Top Water Users to discuss ways to reduce water use
- Communicate with irrigation system contractors to encourage ODD/EVEN sprinkler restrictions rather than setting controllers to water every day. Also encourage time of day restrictions to eliminate 10:00 a.m. to 4:00 p.m. irrigation use.
- Communicate with residential multi-unit water users (HOA) to encourage irrigation use reduction.
- Water District's independent conservation program has reduced the unaccounted billed consumption to under 5.1%.

The Riverhead Water District encourages all residents to consider water conservation in their everyday lives. It could be as simple as reducing the period of time you run your irrigation system by 10% per zone. So if you now run for 10 minutes per zone, reduce it to 9 minutes per zone.

Let's save water so we have sufficient capacity for emergency use and to ensure we have a sufficient supply of drinking water for future generations.

WATER USE FACTS & FIGURES

Water Consumed in 2018 - 2.31 billion gallons pumped
 Water Use Per Person - 190 gallons per day per person
 Peak Day Water Use - 18,688,000
 Water Use Per Person on Peak Day - 534 gallons per day
 Average Winter Water Use - 3.1 million gallons per day
 Average Summer Water use - 14.2 million gallons per day

I want to be here for you.

If only our water infrastructure could talk to us. The corner hydrant might remind us that only tap water protects us against the threat of fire, and that the pipes below our streets need constant attention to keep life-saving water flowing at the right pressure, 24/7, without fail.

We are all stewards of the water infrastructure generations before handed down to us, and our water bills keep that system strong and reliable. For more information about what your tap water delivers, visit

www.townofriverheadny.gov



Only Tap Water Delivers™



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 American Water Works Association



CONTINUING WITH WATER INFRASTRUCTURE IMPROVEMENT PLAN

The Riverhead Water District water system is over 100 years old. Along with tremendous development and growth occurring over the past 20 years, our water infrastructure must be properly maintained.

The Town and Water District have recently taken steps to ensure that our water supply system remains in excellent operating condition and is able to meet the water demand needs of our community.

The District recently developed a 10-year multi-phase capital improvement plan that will improve and update existing water infrastructure.

The first phase of the improvement plan was approved by the Town and is almost complete.

The projects in Phase 1 include water main installation on Pulaski Street, Mill Road and Osborn Avenue; a 2-million gallon storage tank and booster pump station at Plant No. 15 on Tuthill's Lane and emergency generators at Plant No. 1 on Pulaski Street and Plant No. 16 on Edwards Avenue. These projects have a combined cost of \$5.7 million and have been placed into service this year.

Phase 2 should be implemented later this year and include a test well program, the upgrade and deepening of Well No. 2 at Pulaski Street and the rehabilitation of Plant No. 4 on Osborn Avenue.



New 2.0 million gallon tank at Plant No. 15 - Tuthill's Lane



*New Generator Set
at Plant No. 16 - Edwards Avenue*



*Booster Pump Station
at Plant No. 15 - Tuthill's Lane*



*New Generator Set
at Plant No. 1 - Pulaski Street*

NEW BILLING SYSTEM BEING IMPLEMENTED

The Water District is also implementing a new utility billing system which will be in place in the near future in 2019. Customers should be aware that the bills will have a new appearance and more detailed information regarding their water account and water usage.

Please note that the new account number may affect your use of electronic payments. Should you have any questions concerning the new billing system, please contact the Water District.

WATER QUALITY REPORT

Enclosed with this newsletter is the Riverhead Water District's Annual Water Supply Report for 2018. This report presents the facts about the quality of our water supply and summarizes the water quality sampling test results taken throughout 2018. A copy of this report can also be found at the Town's website at www.townofriverheadny.gov.

The District is proud to report that our water meets or exceeds all Federal and State drinking water standards. Should you have any questions concerning this report, please contact the Water District at 631.727.3205.



Town of Riverhead
 Riverhead Water District
 1035 Pulaski Street,
 Riverhead, New York 11901



Providing Water to Riverhead for over 100 Years



OTHER WATER CONSERVATION TIPS

Watering only every other day would go a long way in helping the Water District achieve its water conservation goals. There are many other ways every member of our community can save water everyday. Here are a few conservation tips that may help:



- Insulate water pipes to get hot water faster and reduce the need to run faucet longer.
- Many consumers are not aware when the sprinklers go on. Sprinkler systems should be periodically checked for broken heads and/or leaking

pipings and system repairs should be made as soon as possible. One broken sprinkler head could waste up to 25,000 gallons of water over a 6 month irrigation season.

- Utilize drip irrigation in your gardens. Drip irrigation is not only more efficient, but saves up to 80% in water usage and can help reduce your water bill.



- Fix that leaking faucet. A leaking faucet or leaking toilet can amount to over 100 gallons per day. Multiply that by the hundreds of faucets that could be leaking on any given day and that adds up to a lot of wasted water!



- Consider drought resistant landscaping or xeriscaping and install plants and shrubs native to the region.
- Install water saving devices such as rain gauges or soil sensors
- 90% - 95% of pool and spa water lost to evaporation can be saved by installing a pool cover.



- Every glass of water brought to your table in a restaurant requires another two glasses of water to wash and rinse the glass. Since nearly 70 million meals are served each day in US restaurants, we'd save more than 26 million gallons of water if only one person in four declined the complimentary glassful.

For more conservation tips, please visit www.epa.gov/watersense.