



Wareham Water Well House Newsletter

Winter 2018/Spring 2019

2550 Cranberry Hwy
Wareham, MA 02571

Any questions? Call Us!
PHONE: 508-295-0450

Freezing Water Meters

It is that time of year again and as the saying goes "Winter is Coming!" Residents are encouraged to check your water meter and ensure that the meter is in a space that remains warm. Often residents do not know the meter or associated pipe has frozen and leaks can occur for long periods of time, which can become expensive. We encourage insulating and heating these areas. The District also sells foam insulated meter jackets which fit on the iPearl grey plastic meters. If you are a seasonal resident or just will not be in the home for an extended period of time, the water department can turn off your water so that if the line freezes in the house, it will not cause more damage. Call for details.

Going Paperless-View and Pay Online

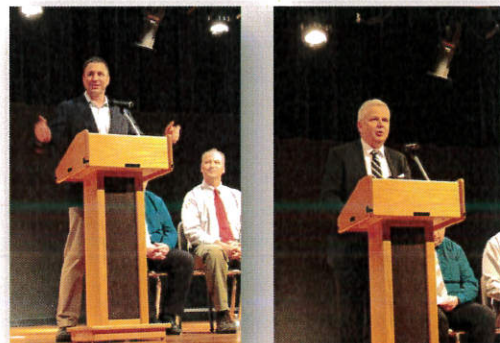
You have the opportunity to view and pay your bill online and go paperless. You also can obtain bills via email. Go to our webpage and click on the *Invoice Cloud* icon (below) to access your account for more information or stop by the front office for details. We now accept Visa, Discover, and Mastercard (\$3.95 flat fee up to \$300 bill), and electronic check (\$0.40 fee). The electronic check is less than the stamp now required to mail the check and depending on the cash back benefits on your credit card could result in no net fee at all. The change in credit cards accepted has reduced the fee associated with credit card charges in most cases, which used to be 2.95% of the bill.

Retirement

After 32 years of service with the Water Department, Frank Sinnott has elected to retire. Frank has faithfully served the District in multiple roles and has seen many changes throughout the years. We give Frank a hardy thank-you for the years of service he has given to the Water Department.

Staying Green

In keeping with our motto of "protect and conserve," Wareham Water has received a \$300,000 MassDEP Gap II Grant for Energy Efficiency (\$200,000 grant, with \$100,000 match) to expand our solar usage. This PV system will go on the roof of the water purification plant being built and is estimated to yield 100,000 KW/year. As the plant proceeds, and we have a greater handle on our electric needs, we will be continuing to look at solar opportunities.



Secretary of Energy and Environmental Affairs Matthew Beaton (left) and MassDEP Commissioner Martin Suuberg (right) providing grant announcement.

Water Purification Plant

We are happy to report that construction on the Water Purification Plant (WPP) began in August of 2018. At the date of writing this newsletter the site had been cleared and mostly rough graded and construction on the building footer has begun. The substantial completion date is slated at this time as December 2019. Those that live in the "brown zone" (typically Maple Springs Road to Sandwich Road receive colored water) should see substantial water quality improvement over time as the WPP operates.



Picture of the Filtration Building Footprint

Sign Up For Reverse 911

Wareham Water has teamed with the Town of Wareham on a new reverse 911 system. This system updates how we communicate with you during an emergency. Sign up for alerts and stay informed!

Look for the web alert logo (shown right) on our home page and click on it to get started and get linked! We also post announcements on our Facebook page and Twitter (search under Wareham Water).

WAREHAM WATER
ALERT



Water Theft

Wareham Water recently become aware of a long term water theft incident. Please know the Board of Water Commissioners have developed a policy for addressing water theft or tampering with a water meter with intent of stealing water. Details can be found in our Rules and Regulations under section 31. Link can be found here:

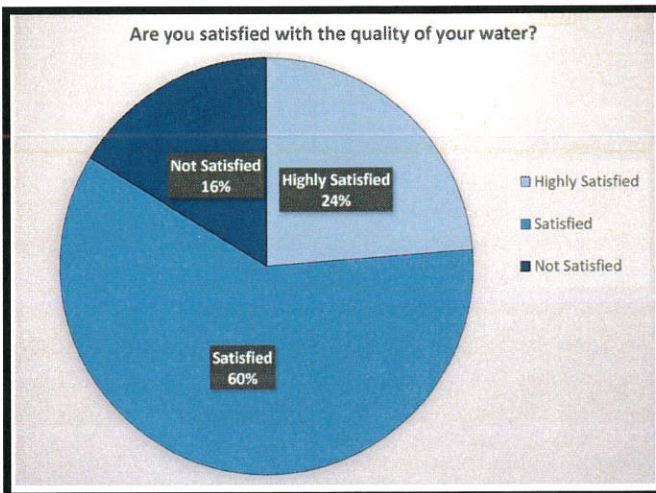
<http://www.warehamfiredistrict.org/waterdepartment/rulesregulations2018.html>

State Revolving Loan Forgiveness

The [MassDEP] Clean Water Trust is providing the low interest loan (know as State Revolving Loan) for the construction of the Water Purification Plant. One of the benefits of this loan is principle forgiveness can be awarded where a portion of the loan removed from the principal loan amount. For the Water Purification Plant, the principal forgiveness amount extended to Wareham Water is \$653,904.

Asset Management Grant

Through the MassDEP Asset Management Grant, Wareham Water has performed in-situ and destructive testing on select pipe samples. We are using this information to guide Wareham Water on our pipe replacement schedule balanced with level of service provided. The final report can be found here: <http://www.warehamfiredistrict.org/waterdepartment/planningreports.html>



Environmental Bond Bill (EBB)

Wareham Water has teamed with the Town of Wareham and Representative Susan Gifford. As part of the EBB, Susan Gifford was able to request an earmark which allowed the Town to obtain \$130,000 for outfitting an Emergency Response Center which is to be placed in the Multi-Use Center. The earmark was supported by Senator Pacheco as well. Special thanks to Patrick McDonald in heading up the effort of obtaining the necessary quotes.

Chlorination Questions

Why is chlorine added to water?

A good resource to answer this question can be found here: <https://chlorine.americanchemistry.com/Chlorine-Benefits/Safe-Water/Disinfection-Practices.pdf>

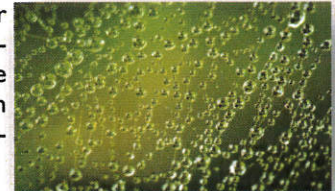
What effects the amount of chlorine dosed?

1.) Iron and manganese have a chlorine demand, 2.) Disinfection requirements, & 3.) Distribution system residence time.

What has Wareham Water done to reduce chlorine?

1.) Water purification treatment plant will remove iron and manganese and the associated chlorine demand.
2.) A repair at Well No. 1 has fixed a deficiency we have had and has lowered the amount of chlorine we apply.

Summary: Wareham Water continues to work on lowering the chlorine dose while providing safe water. With your support, we will continue to improve in this area.



Pic Source: <https://pixabay.com/en/users/ekamelev-7515128/>

District Meeting

The Wareham Fire District will be holding its annual meeting on April 8, 2019 (typically at 7 pm). The meeting will be held in the high school auditorium. We encourage you to come and vote. More details will be provided as the date draws closer. Stop in to either office for more details.



Pic Source: <https://pixabay.com/en/users/GraphicMama-team-2641041/>

Water Management Act Grant

Wareham Water received a MassDEP Water Management Act Grant. As part of that work, a "Value of Water" survey was done. The report can be found at our webpage here:

<http://www.warehamfiredistrict.org/waterdepartment/planningreports.html>

In addition, Wareham Water installed 17 cellular read meters at manufactured housing locations. The pilot test is our first step in exploring Advanced Metering Infrastructure. Once the system is up and fully running, those locations will be able to monitor and control their consumption via the web using a software called "Eye on Water" from Badger Meter.