



Wareham Water Well House Newsletter

Summer/Fall 2017

2550 Cranberry Hwy
Wareham, MA 02571

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

Sign Up For Wareham Water Alert (RAVE Smart911)

Wareham Water has teamed with the Town of Wareham and Onset Fire District on a new reverse 911 system. This system updates how we communicate with you during an emergency by providing more social media outlets as well as traditional phone calls. Sign up at the URL below for alerts and stay informed! Look for the web alert logo (shown here) and click on it to get started and get linked! See attached flyer "Always be Notified" or call us for more information. Note that the existing reverse 911 (Code Red) will be removed along with any information that was in that database.

**WAREHAM WATER
ALERT**

Free Water Service Line

The water service line to your property is partly owned by you (See Figure entitled "Service Connection to Heated Building Interior"). Wareham Water estimates over 5% or more of our unaccounted for water is associated with leaks on private service lines making the water more expensive to provide to you. We encourage you to replace your service line with a plastic service line if the current service line material is composed of metal (e.g. steel, copper, lead, etc.). We can provide leak detection services to assist and will provide you with the plastic service line material (as time and funds permit with other projects). Details are provided at the District's office. A list of approved contractors for service line installation can be found with our front office. Installation costs are covered by the owner.

Value of Water Circa 1907

Wareham Water recently obtained an original copy of the Rates, Rules, and Regulations Governing Water Use, dated 1907. An electronic version can be found on our Facebook page at Wareham Water.

At the inception of the Wareham Fire District, residential water was charged at a flat fee. Businesses were exempt from fees as their water was metered. Fees for residential water usage are outlined below:



Annual Fee

Dwellings

- ◆ First house faucet: \$8.00
- ◆ Additional faucets: \$3.00/ea.
- ◆ First water closet: \$8.00
- ◆ Additional water closets: \$5.00/ea.
- ◆ First bath tub: \$5.00
- ◆ Additional bath tub: \$2.00/ea.

Stables

- ◆ First Horse: \$5.00
- ◆ Additional Horses: \$2.00/ea.
- ◆ First Cow: \$2.00
- ◆ Additional Cows: \$1.00/ea.

Hose

- ◆ Lawn Sprinkler, one-hour/day: \$10.00



- ◆ First Faucet: \$8.00
- ◆ Two additional Faucets: \$6.00
- ◆ First water closet: \$8.00
- ◆ Additional water closet: \$5.00
- ◆ First bath tub: \$5.00
- ◆ First Horse: \$5.00
- ◆ Lawn Sprinkler: \$10.00

Total: \$47 per year. Inflation runs between 2% and 3% per year on average over the long term. Forecasting the total future value of a 1910 bill for 117 years yields a bill of \$475 - \$1,500 per year today.

Note: The average US worker made \$438 per year in 1910 and likely only had minimal fixtures. (https://usa.usembassy.de/etexts/his/e_prices1.htm). Assuming the average person had one faucet and one horse for \$13 per year, yields a bill that is 3.0% of total average income.

The average annual bill today is roughly \$500 to \$600 per year. According to CityData.com the per capita income in Wareham is \$30,000 (household income: \$55,000) which yields 1.0% to 2.0% of total income for drinking water. We have provided the infographic "Water: What is it worth to you?" to provide perspective on the cost of pure drinking water within the USA compared to other utilities.

Similar to today, water bills were collected twice a year in 1907 (business water bills were collected quarterly). We do not know what a typical bill was, but using a modern home (1.5 baths) we come up with the following annual bill.

Wareham Water works hard to meet our mission of "...the best potable water at the most reasonable cost," and hopes you find this discussion valuable in understanding our past as well as our future.

Always Be Notified.



WAREHAM WATER **ALERT**

Wareham Water Alert will send notifications and help inform you of water related emergencies in your community. Learn more and Sign Up at www.warehamfiredistrict.org

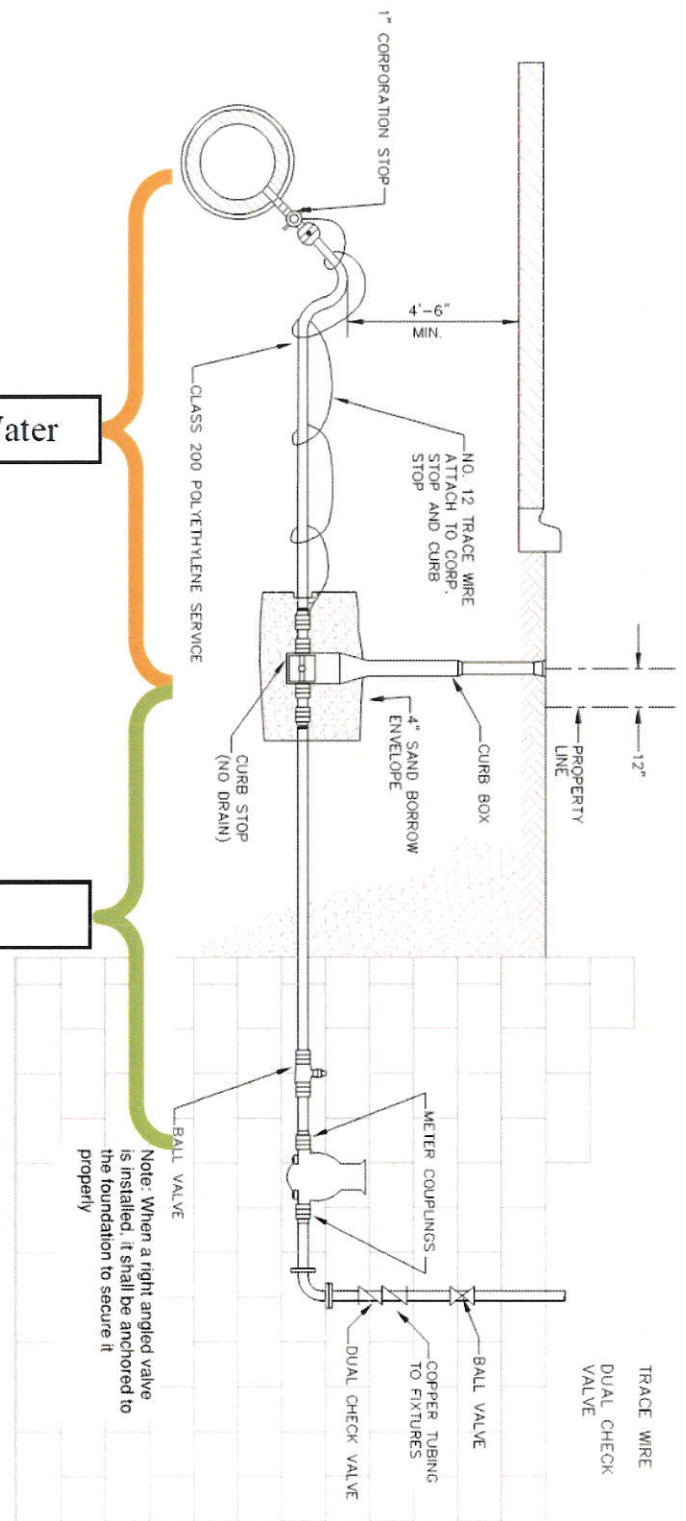
Powered by



Smart911[®]

Owned by Wareham Water

Owned by Homeowner



MATERIAL LIST

ITEM	MODEL
CORPORATION STOP	MUELLER 110 MODEL H-15008
CURB STOP (NO DRAIN)	MUELLER H-15209
TUBING	PE 3408 CLASS 200 AWMA C901
TRACE WIRE	NO. 12 GA.
DUAL CHECK VALVE	WATTS SERIES 7

Note: When a right angled valve is installed, it shall be anchored to the foundation to secure it properly

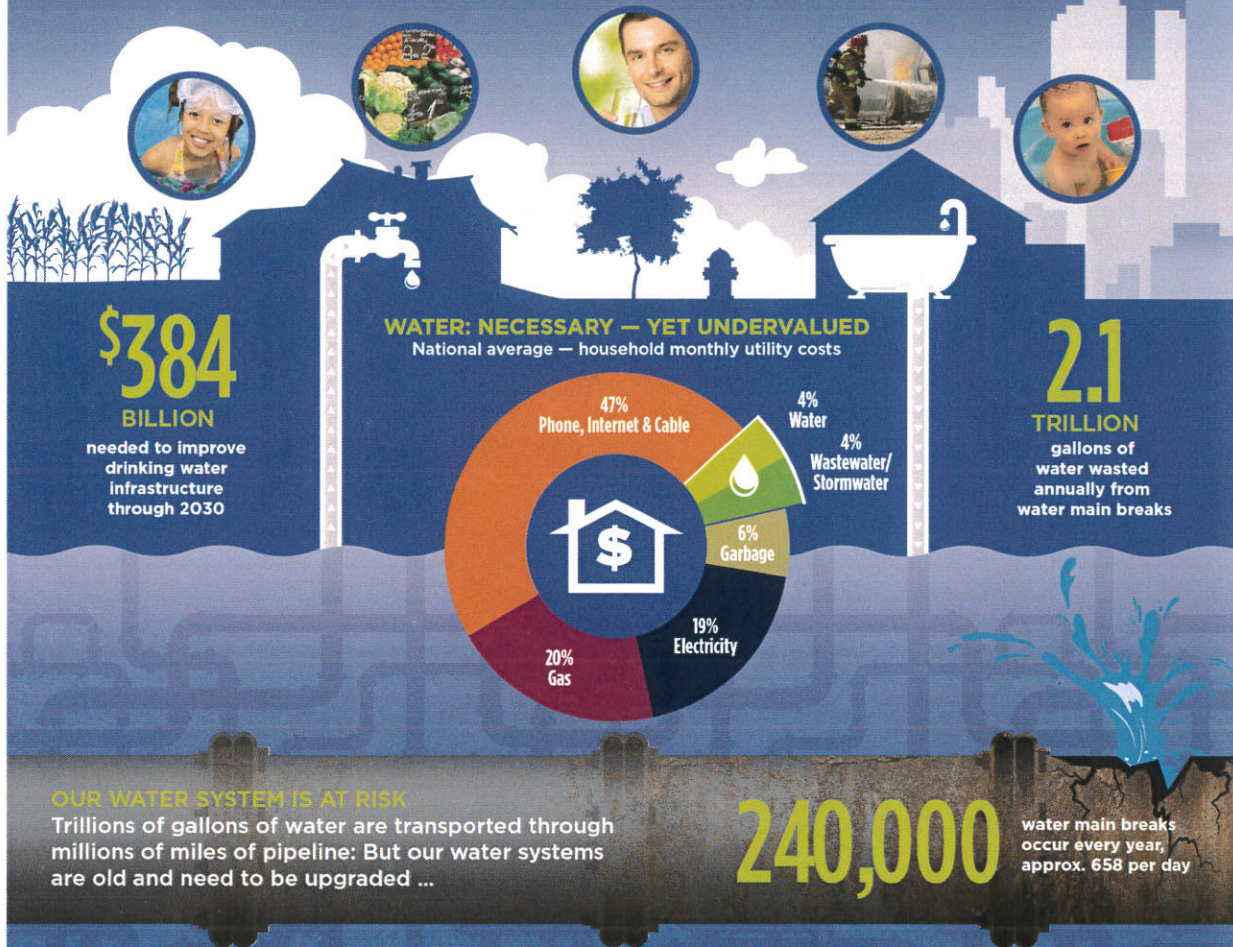
WAREHAM FIRE DISTRICT
SERVICE CONNECTION TO HEATED BUILDING INTERIOR

SCALE: NTS



WATER WHAT IS IT WORTH TO YOU?

Can you imagine your life without clean and safe water?



... and there are other threats to our water system:



major hurricanes occur per decade, with the damage causing water shortages and contamination



percent of hazardous waste leakages and spills have contaminated nearby groundwater



percent of U.S. farmland recently suffered moderate to extreme drought, jeopardizing our food supply

CLEAN, SAFE WATER IS ESSENTIAL

BE AWARE

- ▶ Severe weather and aging pipes threaten our water and wastewater services every day
- ▶ Know your water and wastewater service providers
- ▶ Revenue from water rates provides you with clean and safe water

BE PREPARED

- ▶ Store 3 gallons of water per family member for use during emergencies
- ▶ Read your water bills and inserts to learn more about your utility
- ▶ Help your utility by conserving water as much as possible

SHOW YOU CARE

- ▶ Support water system upgrades
- ▶ Spread the word in your community about the importance of a reliable water supply
- ▶ Protect local water sources