

## **2019 ANNUAL REPORT OF THE TOWN OF EASTON WATER DIVISION**

### **MISSION STATEMENT**

The Easton Water Division is dedicated to providing, protecting and preserving today's water supplies for tomorrow's consumers. Our commitment is to supply quality water that complies with all State & Federal standards, provide education and excellent customer service, and to be the leaders of our profession.

I respectfully submit the following report and pumping record for the year 2019.

Month	Gallons	Month	Gallons
January	48,836,000	July	83,279,000
February	44,777,000	August	82,034,000
March	50,038,000	September	69,602,000
April	55,094,000	October	55,906,000
May	53,981,000	November	47,624,000
June	65,365,000	December	47,866,000
		Total Pumped	704,404,000

The greatest amount pumped in one day was 3,252,000 gallons on July 15, 2018.

The Water Division responded to 2563 service and emergency calls

Connected 48 new services for a total of 7,532 active services

Replaced 652 meters

Renewed 3 services

Repaired 10 service leaks

Repaired 19 broken water mains

1 – 4" main, 1 – 6" main, 16 – 8" mains, 1 – 10" main

Repaired 9 fire hydrants

Replaced 2 fire hydrants

Performed routine maintenance on 295 hydrants

In 2019, new subdivisions and water main improvements added to our system:

1,618' of 6" water main

3,163' of 8" water main

188' of 10" water main

6,331 of 12" water main

12 new fire hydrants

24 new valves

We now have a total of 168.2 miles of water mains 1,457 hydrants and 3,417 street valves in our system.

The Water Division read 90,478 meters during the past year. All reading data is analyzed to help meet state regulations and also used as a tool to help notify customers of potential leaks within their plumbing systems. We processed 30,806 routine water bills, 324 property transfer bills and 496 miscellaneous bills.

This completed the twenty-ninth (30th) year of our Backflow Prevention Program. Since 1989, we have conducted 1596 surveys of facilities to ensure appropriate backflow prevention devices. This year 3 commercial buildings, 2 municipal buildings and 1 institutional building were surveyed. We have 376 testable devices in the system, 208 double check valve assemblies and 168 reduced pressure zone backflow preventers. This year 518 backflow prevention device tests were performed.

In order to meet the requirements of the Federal Safe Drinking Water Act, we have taken the following samples for analysis:

534	Bacteriological
16	Haloacetic Acids (HAA5)
1	Manganese
1	Inorganics
1	Perchlorate
98	Lead Samples
98	Copper Samples
8	Nitrate
1	Nitrite
2	Routine chemical
1	Secondary contaminants
16	Trihalomethanes
6	Volatile organic compounds (VOCs)
1	Synthetic Organic Compounds (SOC)

Our 50 kilowatt (kW) Solar Photovoltaic Project located at Pumping Station #2 has now been up and running for a little over 9 years. This year we have produced 56,444 kilowatt hours (kWh). Since the system was commissioned in September of 2010 we have generated a total of 462,563 kilowatt hours of clean energy.

We continue to survey the water system for leaks using conventional and digital correlation technology. We have completed 47 system-wide leak surveys since 1982. This program enables us to maintain low unaccounted-for water.

Water system flushing is a crucial element of maintaining our water system. We completed our 26th consecutive annual system-wide unidirectional (UDF) flushing program during the months of April and October. Unidirectional flushing is a technique that removes mineral and biological deposits in water lines by moving water through the mains at high velocity in a single direction. This program is our most effective tool in maintaining water quality and delivery of safe water to your tap.

We conducted our 36th Annual Household Hazardous Waste Collection Day on April 20, 2019 with approximately 550 residents participating. I would like to thank the Easton Lions Club for their continued effort in assisting in this event with the collection of televisions, computer monitors, and white goods. Our collection day for 2020 has been scheduled for Saturday, April 25th. Identity theft along with fraud is becoming an epidemic throughout the country. To raise awareness and to promote prevention, we will continue to offer document shredding to our event at no charge. Residents will be able to bring confidential documents to be destroyed onsite.

The Water Division hosted its 35th Annual Open House on Saturday, April 27, 2019 with the highlight being the Award Ceremony of our Annual Water Conservation Poster Contest. Hundreds of posters are judged from the 3rd, 4th, and 5th grades. This contest could not be possible without the excellent cooperation of the Easton School System—especially, Dr. Lisha Cabral, Superintendent of Schools, Achim Krasenbrink, Betty Minuskin and Kristyn Shea of the Art Department. This contest provides a perfect medium to educate the students to the value of water and the need to protect it. We look forward to our 36th Open House being held on May 2, 2020.

We continue to assist the Canoe River Aquifer Advisory Committee in its efforts throughout the year. I would like to commend Andy Howarth for serving as Easton's representative on this committee.

I would like to congratulate Shirley Tufts on her retirement. Shirley retired on November 8, 2019 after being employed by the water division for 34-1/2 years. I cannot thank her enough for his dedication to the

Town of Easton, its residents and the entire water works community. On behalf of myself, the entire staff I would like to wish her the best of health and happiness in a well-earned retirement.

I would also like to take a moment to recognize Jeffery Cloonan. Jeffery worked for the water division for over 15 years and took on the Position of Water Superintendent for the Town of Dighton, MA. I would like to personally congratulate Jeff and wish him well in his new position.

The Water Division continues to remain leaders within the water works industry. Our employees are dedicated and committed to their jobs. As a manager, it is certainly rewarding to have employees of this caliber and I would like to personally thank all of them for their continued efforts: Karen Gallo, Joshua Ford, Joseph Richard, Michael O'Toole, Joseph Charron, Brian O'Neill, Andy Howarth, Cory Sturtevant and Michael Cardoza.

“With Water Works Pride”

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