

Water Supply Update

Serving the Community of Millbury

News and Notes

- 💧 The Oak Pond Well remains off-line due to PFAS contamination found in the well in October 2019. We continue to sample the Oak Pond Well quarterly, and have also completed supplemental PFAS sampling at our other sources and from the distribution system. We provided a presentation to the Board of Selectmen in March and will continue to update the Board of Selectmen on a regular basis. Useful PFAS information and all of our sampling results can be found on our website at: <https://www.aquarionwater.com/water-quality/learn-about-pfas/ma-pfas-faqs>
- 💧 As a result of the Oak Pond Well PFAS contamination, Aquarion has retained the services of an Environmental Engineering Consultant to complete an alternatives analysis. The study is evaluating treatment options and well replacement options. We hope to have preliminary results and capital cost information by the middle of June. The capital cost impacts of the recommended solution are likely to be significant, and have an impact on future water rates. Aquarion is exploring all options for possible project financing including low interest loans and grants through the State Revolving Fund (SRF) program. We have also been informed that the Massachusetts Department of Environmental Protection is offering grant opportunities for water systems affected by PFAS. The grants will cover planning and design projects associated with PFAS such as the engineering studies we are currently completing. Applications are due by the end of June and will be evaluated by DEP along with competing projects in other Massachusetts water systems. In addition, DEP will be investigating the source of the PFAS contamination at the Oak Pond Well to try and identify a responsible party.



- 💧 Aquarion began construction work on May 18th associated with a water main replacement project in the Town Center. The project includes the replacement of over 1,600 feet of water main on Main Street and Elm Street and is being coordinated with a Town of Millbury roadway improvement project. Aquarion's project is part of an ongoing program of distribution system improvements to ensure the highest quality water and continued system reliability in Millbury. Residents and customers should expect minor traffic delays and possible detours Monday through Friday during the working hours of 7:00 a.m. to 5:00 p.m. J.A. Polito and Sons, based out of Shrewsbury, MA will be completing the construction work for Aquarion.

- 💧 In addition to the Town Center Project design work for water main improvements on Captain Peter Simpson Road and Aldrich Avenue is under way. These water main replacement projects are being coordinated with the Department of Public Works and the Town's roadway paving program.

Stewards of the Environment™

Community Outreach: our Customer Advisory Board meeting scheduled for April 2nd was cancelled due to the Covid-19 outbreak. We hope to have our next Customer Advisory Board meeting this coming fall and will keep you posted. Other activities completed this past winter and spring include: coordinating a water system informational and training program with the Fire Department in February; donation to the adopt a banner program to beautify Millbury Center; donation to girls softball; tee/hole sponsorship for the upcoming Olive Branch Lodge tournament; and we attended the school committee meeting in March to review our hydration station donation at the Elmwood School.

Weather Trends

Total precipitation through April 30, 2020 was 15.55 inches, which is 0.43 inches above average for this time of year. In April 2020 we received 5.98 inches of precipitation which is 1.68 inches above the historic average for the month of April. Groundwater levels are seasonally high which is normal for this time of year.

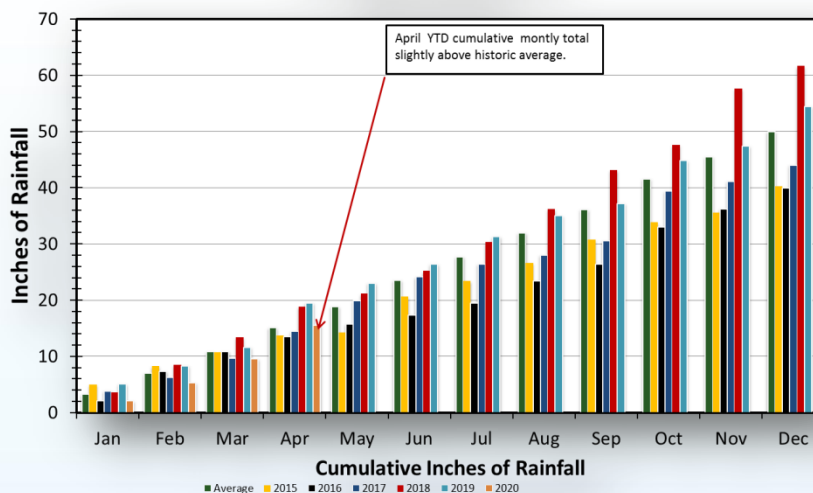
Water Supply and Demand

The average annual water demand through April 2020 is 1.52 million gallons per day (MGD), which is approximately 10,000 gallons per day lower than the historic annual average at this time of year. The water demand for the month of April 2020 was 1.56 MGD, which is approximately 80,000 gallons per day below the average usage for April. As most people are aware, it was a fairly mild winter but cold and wet spring. This likely contributed to the decrease in seasonal water demands through April. We are confident that we will continue be able to meet our customer’s needs. Some statistical pumping information for the month of April 2020 is attached separately to this Water Supply Update.

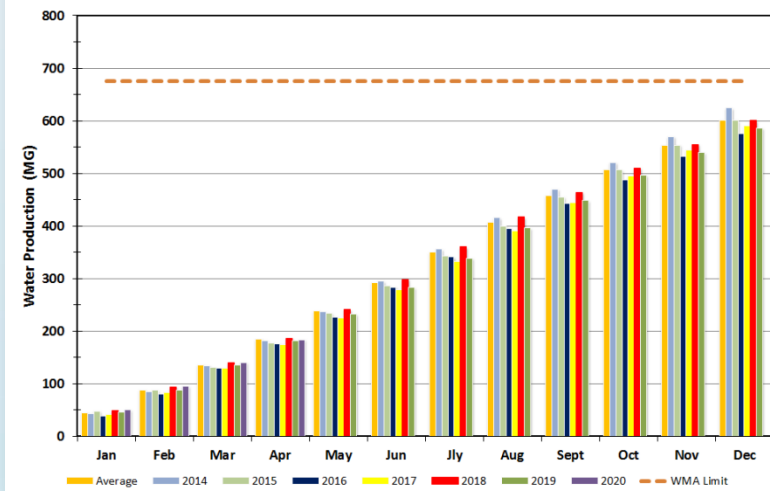
Customers are reminded to practice water conservation. For helpful water conservation tips, please visit our website:

<http://www.aquarionwater.com/MA/waterconservation>

**Aquarion Water Company, MA
Cumulative Monthly Rainfall
Millbury/Oxford**



**Aquarion Water Company
Cumulative Monthly System Delivery (MG)
Millbury Water System (Includes Purchased Water)**



Aquarion Water Company, MA
Monthly Water Supply Report
Millbury

Month
April Year
2020

Monthly Supply Pumping Summary

Millbury Ave Well	17.73	MG	40.9%
Oak Pond Well	0.00	MG	0.0%
Jacques Well #1	7.88	MG	18.2%
Jacques Well #2	17.60	MG	40.6%
Worcester (Purchased)	0.15	MG	0.3%
	43.36	MG	100.0%
	1.445	MGD	

Precipitation

Monthly Total (Inches)	5.98
Annual Total (Inches)	15.55

Statistics

Pumping

Maximum Day (MGD)	1.785
Date	04/05/20

Minimum Day (MGD)	1.146
Date	04/08/20

Year to Date

Maximum Day (MGD)	2.325
Date	01/12/20

Average Day (MGD)	1.507
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