

Water Supply Update

Serving the Community of Oxford

News and Notes

- 💧 **Staffing Changes** – Aquarion’s Manager of Operations, Francis King, has announced his retirement after 34 years of service working with the water system serving Oxford. Francis is an active member in the community and dedicated water works professional. Francis has agreed to stay on with Aquarion part time to assist us with community relations. Please join me in wishing Francis a happy and healthy retirement. In addition, I am pleased to announce that Paul Lawson has been promoted to Operations Manager. Paul brings over 21 years of experience to position and is a dedicated water works professional.
- 💧 This spring we completed an upgrade to our Sutton Ave booster pump station which provides water to Joe Jenny Road. The improvements to the pump station included new pumps, pump controls, and other instrumentation to allow us to remotely monitor operations of the pump station. The station also received a new roof. As a result, system reliability and water service has been improved for our customers.
- 💧 Work has progressed to phase 2 of our North Main Street Well program to reduce groundwater manganese levels at this wellfield. This multi-year project is evaluating two options to address source water manganese levels at the North Main Street wellfield: 1) treatment and 2) replacement with a new source. For the treatment option, we submitted an application with the Department of Environmental Protection to complete a pilot scale treatability study at the wellfield this summer. In addition, so far this spring our new source efforts have consisted of drilling exploratory test wells at two sites in May. In addition, we are planning to complete test drilling at a third site in June. These projects are being undertaken as part of our Corrective Action Plan developed in coordination with the Department of Environmental Protection.
- 💧 Our water main replacement program is also underway. We completed a distribution system study and attended meetings with the Town of Oxford to map out a 3-year plan and schedule for future water main replacement projects. We are currently planning work on Leicester Street in 2020 and Main Street in 2021. The scope will include the replacement of water mains, valves, fire hydrants, and water services.

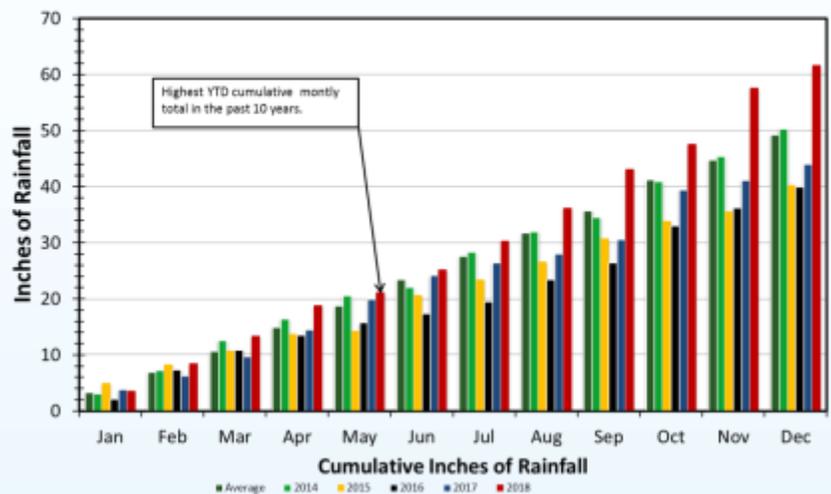


- This past March we met with our Customer Advisory Board at the Pine Ridge Country Club to review our capital improvement plan, operations, and cross connection control program. The meeting also included a hands-on presentation about customer backflow prevention devices. Our next meeting with the Customer Advisory Board is planned for October 2019..
- Community Outreach: so far this year we have made donations to the following community organizations: the Oxford Community Center Basketball League, The Barton Center for Diabetes Education, Oxford Lassie League, Oxford Little League, the Oxford Police Association, Oxford-Webster Youth Football & Cheer, St. Roch Church, and Operation Santa.

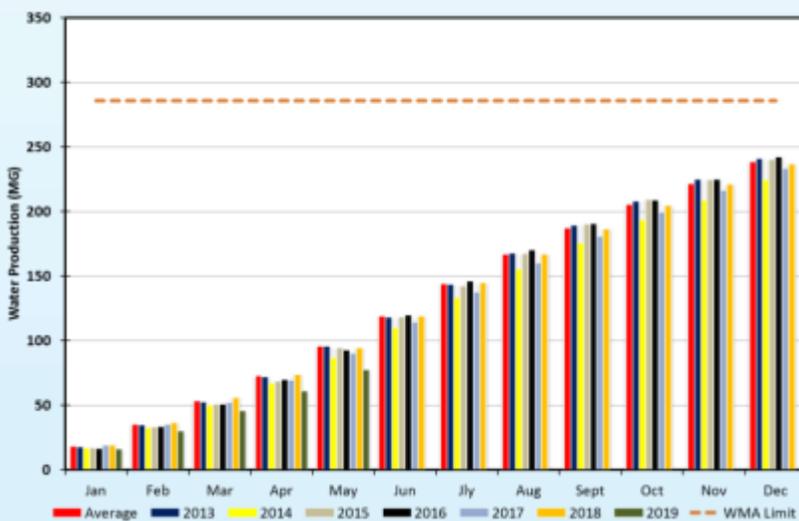
Weather Trends

Precipitation for May was 3.52 inches, which is 0.22 inches below the historic average precipitation for the month of May. However, cumulative precipitation for the year through the month of May is 23.02 inches, which is 4.16 inches above the average total at this time of year. The accumulated precipitation last year and this year has allowed our aquifer to remain at above normal groundwater levels for this time year.

Aquarion Water Company, MA
Cumulative Monthly Rainfall
Millbury/Oxford



Aquarion Water Company
Cumulative Monthly System Delivery (MG)
Oxford Water System



Water Supply and Demand

The average amount of water pumped from our sources to meet demands in May 2019 was 530,000 gallons per day (gpd), which is 200,000 gpd less than average for this time of year. In addition, the cumulative annual usage for the year through May (515,000 gpd) is also less than average (19% lower than historic 10-year average year to date). We anticipate that water demands will begin to increase as we move into the summer. We are confident that we will be able to meet our customer’s needs. Some statistical pumping information for the month

of May 2019 is attached separately to this Water Supply Update.

Aquarion Water Company, MA
Monthly Water Supply Report
Millbury

Month Year
May **2019**

Monthly Supply Pumping Summary

Millbury Ave Well	27.09	MG	54.2%
Oak Pond Well	0.28	MG	0.6%
Jacques Well #1	21.56	MG	43.1%
Jacques Well #2	1.09	MG	2.2%
Worcester (Purchased)	0.00	MG	0.0%
	50.01	MG	100.0%
	1.61	MGD	

Precipitation

Monthly Total (Inches)	3.52
Annual Total (Inches)	23.02

Statistics

Pumping

Maximum Day (MGD)	2.134
Date	05/27/19

Minimum Day (MGD)	1.128
Date	05/10/19

Year to Date

Maximum Day (MGD)	2.13
Date	05/27/19

Average Day (MGD)	1.538
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