

DEPARTMENT OF PUBLIC WORKS

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Ayer Drinking Water PFAS Update

July 1, 2019

The Ayer Department of Public Works will be providing weekly updates regarding the various actions and issues related to the PFAS contamination in Ayer's drinking water. The update will be itemized and in no particular order or priority. If you need additional information or clarification on any of these items, contact Mark Wetzel 978-772-8240 mwetzel@ayer.ma.us.

Water Quality Sampling – We received sample results for the two distribution storage and a single family residence. The results are as follows:

Location	Sample Date	PFOS -ppt	PFOA - ppt	MassDEP OSRG 5 ppt
Pingry Hill Tank	5/15/19	6	10	32
Washington St Tank	5/15/19	6	11	37
25 Pingry Way	5/22/19	6	10	33

Grove Pond Temporary Treatment –The temporary GAC filters have been discharging to waste and it was observed that the differential pressure across the filters was increasing. Bag filters were installed to remove any sediment / oxidized minerals prior to the GAC filters. The pressure filters are designed for 125 psi total pressure and there is concern that with the pressure differential, the maximum pressure may be exceeded. Sovereign is evaluating alternatives for re-pumping after the GAC to reduce the total pressure. The contractor is going to begin pumping into the system tomorrow during working hours to verify the pressures and check for leaks. The high pressure alarm is not yet programmed into the SCADA system, so it will not be fully online until the alarms have been tested.

The PFAS removal results for the GAC (pumping to waste) are as follows:

Sample	Influent	Midpoint	Effluent	Duplicate of Effluent
Start-up	234.96	10.34	ND	ND
Week 2	240.95	13.46	ND	ND

Grove Pond PFAS Treatment Facility –The contract was awarded to Winston Builders of Northborough MA for \$3,139, 889 and the agreement will be executed by the Board of Selectmen on July 16.

US Army Agreement – Ayer has completed the review of the final draft Environmental Services Cooperative Agreement (ESCA) for funding of the Grove Pond Treatment Facility. We are completing the SF424 forms, budget and other supporting documents and anticipate submitting to the Army on July 2.

Spectacle Pond Wellfield Treatment – Site topographical survey and soil borings have been completed. The CDM-Smith design team will be on site on July 2 to evaluate the existing buildings, electrical service, generator and chemical feed systems to determine what additional improvements are required for the additional treatment. We are beginning preparation for the Drinking Water SRF Funding Application.

Public Outreach – The Ayer DPW Water Division completed the 2018 Water Quality Report which is on-line at <https://www.ayer.ma.us/home/news/2018-annual-drinking-water-quality-report>. There is detailed information in the Report regarding PFAS in the drinking water and the actions taken by the Ayer DPW. All Ayer water supply customers were notified that the report was available via a direct mail postcard.

We continue to answer questions from the public and provide information on the Town website.