

## DEPARTMENT OF PUBLIC WORKS

---

Mark L. Wetzel, P.E., Superintendent  
Dan Van Schalkwyk, P.E. Town Engineer  
Pamela J. Martin, Business Manager

25 BROOK STREET  
AYER, MASSACHUSETTS 01432  
T: (978) 772-8240  
F: (978) 772-8244

### Ayer Drinking Water PFAS Update

June 18, 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](mailto:mwetzel@ayer.ma.us).

Water Quality Sampling – Second quarter PFAS samples were taken on May 21. The results are as follows:

	Grove Pond Well-1	Grove Pond Well-7	Grove Pond Well-8 (Off-line)	Grove Pond Finished	Spectacle Pond Well-1A
<b>PFOS and PFOA (ppt) (combined)</b>	9.14	45.7	111.7	26.35	14.64
<b>PFOS, PFOA, PFHpA, PFHxS, and PFNA (ppt) (combined)</b>	18.44	97.34	212.06	52.81	23.81

Note that Grove Pond Well 6 was offline for redevelopment and Spec Pond Well 2A was offline due to a pump failure.

Grove Pond Temporary Treatment –The temporary GAC filters have been disinfected, the GAS was installed and rinsed and the DEP inspected the installation. The system is currently being filtered to the detention basin awaiting PFAS sample results and monitoring the pressure losses in the filter. Due to observations of increase filter pressure differential, we are suspecting that suspended solids or iron / manganese are plugging the media. The Army Corp is evaluating the use of pre filters and possible booster pump system. We expect to pump into the system early next week.

Grove Pond PFAS Treatment Facility – We are anticipating awarding the contract to Winston Builders of Northborough MA for \$3,139, 889 and hope to execute an agreement on July 2.

US Army Agreement – We received the final draft Environmental Services Cooperative Agreement (ESCA) for funding of the Grove Pond Treatment Facility and are reviewing.

Spectacle Pond Wellfield Treatment – Ayer is working with CDM-Smith on the treatment solution for the PFAS contamination at the Spectacle Pond Wellfield. They have prepared a preliminary site plan to locate the potential treatment facility adjacent to the existing plant. We are taking additional water quality samples to better evaluate the treatment technologies.

Public Outreach – I attended the American Water Works Association National Conference last week and presented our PFAS experience and treatment solution, with Ji Im from CDM-Smith. Our presentation is on the Town website. There were over 20 presentations or panels related to PFAS contamination throughout the country. I also met with the incoming AWWA President and discussed the need for 1) a centralized clearinghouse for PFAS research, regulatory issues and treatment solutions and 2) need for a guidance on public talking points for use by water suppliers.