

**BOARD OF SELECTMEN'S MEETING
DECEMBER 17, 2019**

PFAS UPDATE

- Temporary treatment for Grove Pond Well No. 8 is on-line and removing PFAS. Treated water is blended with GP Well 6, treated for Fe/Mn removal and pumped to distribution system
- Grove Pond PFAS Treatment Plant is under construction and scheduled for completion in early summer
- Replaced the filter media in 3 filters at Grove Pond WTP – Will greatly improve treatment
- We continue to test the water at the all wells and water tanks quarterly – waiting for November results
- Army Grant for \$4.4M for Grove Pond PFAS Treatment Construction and O&M
- Spectacle Pond Wellfield PFAS Treatment Plant is under design

SPECTACLE POND WELLFIELD PFAS

- Spec Pond Wellfield provides 50% of Town's water
- PFAS levels of 26 to 34 ppt for 5 PFAS chemicals
- Testing 4 Ion Exchange Media for most effective removal
- Design similar to Grove Pond PFAS plant but will be a “stand alone” building due to site constraints
- Applied for State Funding assistance – Drinking Water Revolving Loan Fund
- Working with MassDEP and CDM-Smith to identify source of contamination
- Recently discovered issue with Spec Pond Well 1A that will need to be included in design



MASSDEP PFAS REGULATORY UPDATE

- Current PFAS Drinking Water levels are guidelines only – EPA 70 ppt for PFOA & PFOS, MassDEP ORSG 70 ppt for 5 PFAS chemicals
- MassDEP proposed regulation for PFAS to be published Dec. 27 setting Maximum Contaminant Level at 20 ppt for 6 PFAS compounds
- Regulation, if approved will require all water systems to perform quarterly monitoring (we already do this), public notification (we already do this) and develop a compliance schedule for treatment (we do not have an official compliance schedule).
- MassDEP anticipated the regulation will be finalized by April 1
- There is a public comment meeting on January 31

OTHER WATER SUPPLY / PFAS ISSUES

- Completed Phase 1 test well investigation near Spec Pond with favorable results
 - Shallow wells but potential for 0.75 to 1.0 mgd
 - Iron and manganese could be treated at Spec Pond WTP
 - Similar PFAS concentrations would also require treatment
- Littleton has discovered PFAS in their Spec Pond Well
- Outdoor water ban was effective in reducing the stress on Ayer's water supply