

Town of Natick

Department of Public Works



Article 17 Motion E, 2021 ATM

Capital Improvement

April 20, 2021



Water Treatment Facility Upgrades

- Per- and Polyfluroalkyl Substances (PFAS)
- MassDEP promulgated regulations in October 2020
 - MassDEP MCL of 20 nanograms per liter (ng/L) (ng/L = parts per trillion)
 - US EPA Federal Drinking Water Guidance 70 ng/L
- Sampling monthly since January 2021 / Immediate Actions Taken
- Public mailings and notice February 2021 and April 2021
- Developing Compliance Plan
 - Natick and Wayland first in Commonwealth
 - Short-term and Long-term (various alternatives vetted)
 - \$150,000 MassDEP Grant
 - Emergency SRF Funding
- Additional Information at www.natickma.gov/1753/PFAS



Water Treatment Facility Upgrades

- Addition of 4 carbon filters (lead and lag)
- 2.8 million gallons per day
- Treat water from Springvale 'H&T Filters'
- SP Wells #3, #4, #4A
- Removal of PFAS to "No Detect"
- Pre-engineered enclosure 50'x70'



Hudson MA, PFAS Removal Facility

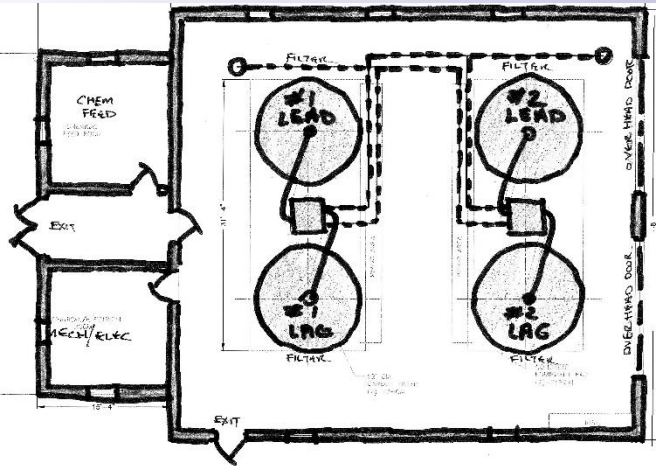


Water Treatment Facility Upgrades

- Column testing underway
- Expedited permitting, procurement, and construction (scarcity of filters)
- Target start-up October 2021
- Possible subsequent phases
 - Springvale 'Tonka Filters' 2022; Pine Oaks and Morse Pond in 2023



Schematic Site Plan



Schematic Floor Plan



Appropriation Request \$3,000,000