

Project Descriptions for June 11, 2025

Board of Trustees Meeting

Asset Management Planning Agreements

Ashland CWA-24-43

Ashland Asset Management

The project is to establish a system for retrieving record information that can be easily referenced as needed for water, wastewater, and stormwater assets. This program will enable the Town to continue improving the existing asset management plan through updated software management and data compilation.

Hadley DWA-24-55

Hadley Drinking Water Asset Management Plan

The project will assist the Town in developing a comprehensive plan to work towards a proactive maintenance plan and assessing the most critical assets for replacement with the goal of creating a risk-based AMP and capital improvement planning methodology to guide decision making and help prioritize infrastructure rehabilitation, replacement and maintenance activities. Develop inventory and perform condition assessments at the Town-owned and operated vertical infrastructure. Estimate cost of asset maintenance and renewal in future years to justify necessary rate increases needed to maintain water infrastructure.

Warren Water District DWA-24-56

Warren Water District Drinking Water AMP

The project is to: build hydraulic model, develop GIS application, develop unidirectional flushing program, analyze water main capital projects, funding analysis/rate study. Additionally, for the iron and manganese water treatment plant (WTP) that includes GreenSand Plus filtration and chemical addition for additional disinfection, pH adjustment, and corrosion control, the project will: perform a life cycle cost analysis projecting out one year of operational data, and GIS application functionality for WWD inspections. GIS application functionality for WWD inspections will be reviewed for two gravel packed well.

Wilbraham DWA-24-57

Wilbraham Drinking Water Asset Management Plan

The project involves a comprehensive water infrastructure Asset Management Plan (AMP) that includes the following major assets: Miller Street Corrosion Control Facility, Brookmont Drive Booster Pump Station, McIntosh Drive Booster Pump Station, Old Orchard Road Booster Pump Station, Glenn Drive Booster Pump Station, Bartlett Court Water Storage Tank, Water Transmission and Distribution system. This project will develop Level of Service goals, build out GIS functionality to manage horizontal and vertical assets, update hydraulic model and perform criticality analysis, field condition assessments, complete a funding analysis and water rate study, and develop a capital plan.

Community Septic Management Program Commitments

Bellingham CW-25-07

Community Septic Management Program
Bellingham Community Septic Management program

Essex CW-25-08

Community Septic Management Program
Repair and replacement of septic systems

Scituate CW-25-09

Local Septic Management Plan
The community provides financial assistance to homeowners for the repair and replacement of failed septic systems using betterment agreements.

Community Septic Management Program Agreements

Bellingham CWT-25-07

Community Septic Management Program
Bellingham Community Septic Management program

Essex CWT-25-08

Community Septic Management Program
Repair and replacement of septic systems

Scituate CWT-25-09

Local Septic Management Plan
The community provides financial assistance to homeowners for the repair and replacement of failed septic systems using betterment agreements.

Clean Water Agreement

Wellfleet CW-24-50

95 Lawrence Wastewater Treatment and Collection
The project includes the construction of a new neighborhood scale wastewater treatment plant, designed to reduce nitrogen in the Duck Creek sub-watershed of Wellfleet Harbor. The wastewater treatment plant will serve the proposed 95 Lawrence Road affordable housing project, 3 existing municipal buildings (the Police station, Fire Station, and Wellfleet Elementary School), and existing abutting residential properties. The project is part of the MEP Threshold Compliance Approach to restore the water quality in Wellfleet Harbor, as outlined in the Wellfleet Targeted Watershed Management Plan.

Drinking Water Agreements

Chelmsford Water District DWEC-24-92

Chelmsford WD PFAS Treatment

The project involves treatment of PFAS6 that is above the Massachusetts standard at the Crooked Springs WTP (CSWTP). The project also includes the consolidation of PFAS treatment for the Spring Street WTP (SSWTP) at the CSWTP site with finished water being conveyed through a new approximately 2.5-mile transmission main. In addition, the project will install another PFAS treatment system at the Riverneck WTP (RNWTP).

Westford DWEC-24-60

Forge Village&Nutting Road PFAS Treatment Upgrades

The project consists of the construction of two water treatment plants for PFAS treatment at the town's Forge Village and Nutting Road treatment sites. The new treatment systems will include media adsorption for the removal of PFAS compounds following existing iron and manganese filtration. Construction of these treatment plants will allow the town to return the currently offline Country Road Well back to service.