

Project Descriptions for April 7, 2021

Board of Trustees Meeting

Community Septic Management Program Commitments

Scituate CW-20-03

Community Septic Management Program

Taunton CW-20-02

Community Septic Management Program

Clean Water Commitment

Barnstable County CW-20-44

The County is proposing to construct a capping system and stormwater improvements to reduce infiltration from stormwater and runoff into PFAS-contaminated soil at the Barnstable County Fire and Rescue Training Academy (BCFRTA) facility, and thereby mitigate leaching of PFAS from soil to the underlying groundwater located within the Zone II of several Hyannis municipal wells.

Asset Management Planning Grant Agreement

Somerville CWA-20-41

Somerville will evaluate the combined sewer/stormwater system in a city sector as part of a larger asset management project. The project will complete closed circuit television inspection to identify defects; rate the severity of defects, including likelihood of failure and predicted remaining service life; lightly clean debris to facilitate inspections; conduct flow isolation tests to estimate groundwater intrusion into the system; compile asset data into the City's GIS system; and recommend corrective actions. This work will support implementation of key asset management tasks, prioritize and design repair projects, manage costs and contracts, and integrate maintenance and repairs of Sewer Department operations.

Community Septic Management Program Agreements

Scituate CWT-20-03

Community Septic Management Program

Taunton CWT-20-02

Community Septic Management Program

Drinking Water Agreements

Barnstable DW-20-16

Airport, Mary Dunn, Hyannis Port, Simmons Pond & Straightway wells, pilot study, conceptual layouts and planning: This project is a continuation of a previously approved project handling chemical contamination at the wells; includes pilot testing of recommended treatment options; develop conceptual layouts, planning schedules for design, construction and capital and operational costs and recommendations on how to proceed. Attached is the Hyannis Water System map, information on contamination of drinking water wells, Production Plan for PFAS ORSG standard of 0.02, and newspaper reports.

Eastham DWP-20-23

The project will construct a municipal water system for Eastham. .The Town has relied on individual private or community wells for water supply and onsite systems for wastewater disposal. Long-term monitoring of private wells has confirmed that the water quality of these wells is deteriorating. This project will construct the remainder of the water system that will serve all of the properties in the Town (6,600 parcels).

Leominster DWP-20-26

The City of Leominster has changing raw water quality that has resulted in elevated levels of disinfection by-products (DBPs). This project incorporates activated carbon at the Notown WTP and the replacement of the existing GAC at the Fallbrook WTP to reduce DBPs.