

Project Descriptions for October 6, 2021

Board of Trustees Meeting

Asset Management Planning Commitments

Ayer CW-21-15

The objective of the asset management plan (AMP) is to provide the Town of Ayer with an understanding of the condition of its existing stormwater infrastructure, develop a town-wide plan to manage and maintain that infrastructure and meet regulatory obligations, support the implementation of a stormwater utility as a long-term funding solution, and complete the top priority action identified through the Town's (MVP) Municipal Vulnerability Preparedness program. The AMP will consist of data gathering, inventory development, condition assessment, public education, long-term CIP, O&M Plans, and incorporating NPDES MS4 compliance.

Medway CW-21-14

An Asset Management Plan will be prepared to inventory and assess the current state of the Town of Medway's water distribution system assets and wastewater collection system assets; assist the Town in updating GIS; evaluate the level of service in terms of quality, quantity, reliability and environmental standards; identify assets critical to sustaining system performance; quantify minimum life cycle costs for critical assets, operation and maintenance; and, determine a long-term funding strategy to ensure high-level performance.

Clean Water Commitment

Taunton CW-20-21

This project is part of a complete upgrade of the Taunton Wastewater Treatment Facility (WWTF) that are necessary to meet the requirements of the new NPDES discharge permit. The facility will expand hydraulically to reduce combined sewer overflows. This project encompasses Solids Handling improvements.

Drinking Water Commitments

Hudson DW-21-04

The Town of Hudson's Chestnut Street PFAS Treatment System project involves expanding the existing temporary PFAS removal system at the Chestnut Street WTP to include a third treatment train in addition to the two existing trains in response to elevated levels of PFAS in the Town's groundwater supply. The proposed third treatment train will include an additional two ion-exchange vessels in a lead-lag configuration. The resulting system will consist of three treatment trains, each with a design capacity of 50% of the plant's maximum flow, and all appurtenant piping and valves. The treatment process expansion will include piping modifications, expansion of the existing concrete support slab and foundation, installation of a building with all associated electrical, lighting, and HVAC systems.

Mansfield DW-21-02

The Town of Mansfield's Cate Springs Well PFAS Treatment System project involves constructing a PFAS removal treatment system including granular activated carbon (GAC) pressure vessels at the Cate Springs Well site. The proposed treatment system will include 4-6 GAC pressure vessels and all appurtenant piping and valves. The treatment process will include piping modifications, upgrades to the existing building at the site (currently utilized for hydrant, valve, and other parts inventory storage) including associated electrical, lighting and HVAC systems necessary for the new treatment system. Instrumentation and controls system upgrades will be included to ensure the new system is fully integrated into the existing treatment process which currently includes only chemical addition treatment.

Asset Management Planning Grant Agreements**Ayer CWA-21-15**

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Medway CWA-21-14

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Clean Water Agreement**Taunton CWP-20-21**

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Drinking Water Agreement

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