Project Descriptions for May 3, 2023

Board of Trustees Meeting

Lead Service Line Planning Program Commitments

Blackstone DW-22-17

Project works includes collection and review of all existing water service records (approximately 2,800), scanning and compilation of records to create a digital copy and aggregation of available information into an excel database for purposes of creating a lead service inventory complying with the new Lead and Copper Rule.

Chester DW-23-36

This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Chester water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Dalton Fire District DW-23-28

This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Dalton Fire District water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1-Initial Water Service Inventory Development and Phase 2-Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the District to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Dracut Water Supply District DW-23-27

This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Dracut water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the District to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Erving DW-23-37
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Erving water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Greenfield DW-23-31
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Greenfield water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the City to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Harvard DW-23-30
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Harvard water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy. To comply with the LCRR requirements, this work must be complete by October 2024, and is planned for completion in July 2024.

Lee DW-23-29
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Lee water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Lincoln DW-23-40
The work of this project generally consists of the collection of available records for both utility and privately owned sides of water service lines, development of a lead service line inventory database (which will be made available to the public), preparing a list of unknown service line materials, conducting home inspections of up to 30 properties to confirm material on either side of the meter, and providing a list of service lines categorized as lead, galvanized requiring replacement, or lead status unknown to the Town so that the property owners can be notified after completing the inventory.

Littleton DW-23-39
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Littleton water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy. To comply with the LCRR requirements, this work must be complete by October 2024.

Raynham Center Water District DW-23-33
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Raynham Center Water District water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the District to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy. To comply with the LCRR requirements, this work must be complete by October 2024.

Shirley DW-23-32
The project consists of data collection and development of a lead service line inventory. This info will be used to prepare a removal prioritization list and a lead service removal action plan.

Templeton DW-23-26
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Templeton Municipal Water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Client to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy. To comply with the LCRR requirements, this work must be complete by October 2024.

Tyngsborough Water District DW-23-38
This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the Tyngsborough Water District's distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the District to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

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This project includes the evaluation and development of a Lead Service Line (LSL) replacement plan for utility and customer side service line materials connected to the West Springfield water distribution system in order to meet the 2021 Lead and Copper Rule Revision (LCRR) issued by the EPA. The project is divided into two phases: Phase 1- Initial Water Service Inventory Development and Phase 2- Lead Service Line Replacement Plan. Tasks for Phase I include a review of current water distribution data, field investigations to verify service line materials, and the finalization of an initial inventory. During Phase 2, Engineers will work closely with the Town to produce a LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

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Lead Service Line Planning Program Agreements

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Clean Water Agreements

Boston Water & Sewer Commission CW-22-56
The Boston Water and Sewer Commission seeks to reduce CSO discharges in Boston Harbor and its tributaries. The plan involves five sewer separation projects over an area of 403 acres by constructing new storm drains and allowing the existing combined sewers to function as separate sanitary sewers, or by constructing new sanitary sewers and allowing the existing combined sewer to serve as storm drains.

Fitchburg CWP-22-58
The Town of Fitchburg seeks to perform sewer separation and rehabilitation. The CSO 010, 032, 045, 083 Separation/Rehabilitation Project will involve the separation of an estimated 27, 600 linear feet (LF) of combined sewers, the separation of 9 combination manholes, and the closure of 4 CSO regulators (CSO 010, 032, 045, and 083) that have discharged a combined estimated 35.7 million gallons of untreated combined sewage to the North Nashua River between 2015 and 2020. The project will also include approximately 37, 600 LF of trenchless rehabilitation of sanitary sewers to reduce infiltration/inflow upstream of the 4 regulators. This project will also include green infrastructure, when applicable, and will include stormwater improvements for the 2070 10-year, 24-hour storm event.

Fitchburg CWP-22-58-A

The Town of Fitchburg seeks to perform sewer separation and rehabilitation. The CSO 010, 032, 045, 083 Separation/Rehabilitation Project will involve the separation of an estimated 27, 600 linear feet (LF) of combined sewers, the separation of 9 combination manholes, and the closure of 4 CSO regulators (CSO 010, 032, 045, and 083) that have discharged a combined estimated 35.7 million gallons of untreated combined sewage to the North Nashua River between 2015 and 2020. The project will also include approximately 37, 600 LF of trenchless rehabilitation of sanitary sewers to reduce infiltration/inflow upstream of the 4 regulators. This project will also include green infrastructure, when applicable, and will include stormwater improvements for the 2070 10-year, 24-hour storm event.

Drinking Water Agreements

Scituate DW-22-36

Project includes two major components: (1) the raw water transmission main from Old Oaken Bucket Pump Station to the future new Stearns Meadow WTP site, and (2) water distribution main replacement. As the water distribution main replacement is included due to the proximity of the project, but it is not part of the original Stearns Meadow WTP scope, it will be funded outside SRF. The construction of the new Stearns Meadow WTP will be under IUP 2023.

Water Supply District of Acton DW-23-01

The Acton Water Supply District's emergency project is to install a temporary treatment system to remove PFAS until a permanent solution can be constructed at the NAWTP.