

**MEETING OF THE MASSACHUSETTS
CLEAN WATER TRUST
BOARD OF TRUSTEES**

November 6, 2024
1:30 PM

Location: Remote*

NOTICE & AGENDA

CALL TO ORDER

Item #1 **MOTION- VOTE REQUESTED**

Acceptance and approval of minutes of the meeting held on October 2, 2024.

Item #2 **REPORT OF THE EXECUTIVE COMMITTEE**

Item #3 **MOTION- VOTE REQUESTED**

Authorization of a Permanent Transfer of Clean Water SRF Grants funds to Drinking Water SRF Grant funds in the amount of \$25,102,770

1. That, pursuant to and as further implementation of the Funds Transfer Program approved by the Board on January 8, 2014, the Board hereby re-affirms and approves the Executive Director's authority to make such transfers between the Clean Water SRF and the Drinking Water SRF as she determines to be necessary in an amount not to exceed 33% of the Drinking Water Grant, including the permanent transfers listed below:

Transfer From	Transfer To	Amount
Clean Water Base Grant	Drinking Water Base Grant	\$3,403,950 ¹
Clean Water Supplement Grant	Drinking Water Supplemental Grant	\$16,285,500
Clean Water Emerging Contaminants Grant	Drinking Water Emerging Contaminants Grant	\$5,413,320

2. That the Executive Director is further authorized to take all necessary steps to effectuate such transfer, including executing and delivering all letters, certificates, and other instruments and documents necessary or desirable in connection therewith and obtaining any necessary opinions of counsel.

¹ Includes both the original grant amount of \$10,078,000 and the additional \$237,000 received.

Item #4

MOTION- VOTE REQUESTED

Approval of Asset Management Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
CWA-24-53	Barnstable	\$120,000
CWA-24-61	Cherry Valley Sewer District	\$67,236
CWA-24-36	Cohasset	\$135,000
DWA-24-54	Deerfield Fire District	\$45,864
CWA-24-28	Great Barrington	\$150,000
DWA-24-46	Holyoke Water Works	\$48,750
CWA-24-24	Hoosac Water Quality District	\$150,000
CWA-24-18	Huntington	\$83,325
CWA-24-17	Lee	\$150,000
DWA-24-37	Lee	\$119,579
CWA-24-34	Leicester Water Supply District	\$147,634
CWA-24-16	Lenox	\$150,000
CWA-24-32	Sudbury	\$150,000
CWA-24-35	Upper Blackstone Clean Water	\$150,000

Item #5

MOTION- VOTE REQUESTED

Approval of Asset Management Program Grant Agreement

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
CWA-23-50	Ware	\$88,500

Item #6

MOTION- VOTE REQUESTED

Approval of Lead Service Line Planning Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
DWL-22-61	Billerica	\$827,000 ²
DWL-24-15	Chatham	\$157,747 ³
DWL-23-53	Cherry Valley and Rochdale Water District	\$234,000 ⁴
DWL-23-13	East Longmeadow	\$242,200 ⁵
DWL-23-61	Easthampton	\$323,100 ⁶
DWL-23-85	Leicester Water Supply District	\$188,100 ⁷
DWL-23-57	Rowley	\$194,200 ⁸
DWL-23-64	Southwick	\$412,500 ⁹
DWL-24-49	Woburn	\$138,300

² Second Revision. Previous Grant amount was \$680,000.

³ First Revision. Previous Grant amount was \$97,047.

⁴ First Revision. Previous Grant amount was \$110,000.

⁵ First Revision. Previous Grant amount was \$161,700

⁶ First Revision. Previous Grant amount was \$225,000.

⁷ First Revision. Previous Grant amount was \$86,600.

⁸ First Revision. Previous Grant amount was \$43,200.

⁹ Second Revision. Previous Grant amount was \$231,300.

Item #7

MOTION- VOTE REQUESTED

Approval of Cybersecurity Improvement Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
DWC-24-21	Dalton Fire District	\$30,000
DWC-24-20	Fall River	\$50,000
DWC-24-22	Georgetown	\$30,000

Item #8

MOTION- VOTE REQUESTED

Approval of Clean Water Commitment

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-24-62	Lynn Water and Sewer Commission	\$20,087,122	1.5% ¹⁰

Item #9

MOTION- VOTE REQUESTED

Approval of Drinking Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DW-24-67	Amherst	\$4,930,000	1.5% ¹⁰
DW-24-35	Mansfield	\$9,080,433 ¹¹	0% ¹²
DW-24-68	Springfield Water and Sewer Commission	\$15,000,000	2%

Item #10

MOTION- VOTE REQUESTED

Approval of the Clean Water Loans and Financing Agreements

<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CWP-23-53	Barnstable	\$23,273,175	1.5% ¹⁰
CWP-23-53-A	Barnstable	\$801,650	1.5% ¹⁰
CW-23-42	Chatham	\$3,671,588	0% ¹³
CWP-24-62	Lynn Water and Sewer Commission	\$20,087,122	1.5% ¹⁰

Item #11

MOTION- VOTE REQUESTED

Approval of the Drinking Water Loans and Financing Agreements

<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DWP-24-67	Amherst	\$4,930,000	1.5% ¹⁰
DWP-22-49	East Brookfield	\$9,545,000 ¹⁴	2%
DWEC-23-121	Franklin	\$5,563,933	0% ¹²
DWEC-24-35	Mansfield	\$9,080,433	0% ¹²
DWP-24-68	Springfield Water and Sewer Commission	\$15,000,000	2%

¹⁰ Housing Choice Loan

¹¹ First Revision. Previous PAC amount was \$9,037,200.

¹² PFAS Remediation Loan

¹³ Nutrient Enrichment Reduction Loan

¹⁴ Second Revision. Previous PRA amount was \$8,177,108.

Item #12

MOTION- VOTE REQUESTED

Approval of School Water Improvement Grant

Grant No.

Grantee

Grant Amount

SWIG-24-23

East Boston Central Catholic
School

\$6,000

OTHER BUSINESS

(Items not reasonably anticipated by the Chair 48 hours in advance of the meeting)

ADJOURN

***Location: Remote:** Notice is hereby given that the Wednesday, November 6, 2024 meeting of the Massachusetts Clean Water Trust's Board of Trustees will be held through remote participation in accordance with M.G.L.c.30A, §20, as modified by c.20 of the Acts of 2021, c.22 of the Acts of 2022, and c.2 of the Acts of 2023.

Those who would like to attend the meeting, please e-mail masswatertrust@tre.state.ma.us to request meeting information. Information to access the meeting will be available through the duration of the meeting. However, we encourage participants to request the information by 5:00 PM the day before the meeting.

To ensure that the audio is clear to all attendees, unless you are actively participating in the meeting, please mute your audio. If you have technical difficulties joining the meeting, please email masswatertrust@tre.state.ma.us.

Please Note: There will be no physical meeting at the offices of the Massachusetts Clean Water Trust.



**Item #1: *Minutes of the Meeting Held on October 2,
2024***

**MEETING OF THE MASSACHUSETTS
CLEAN WATER TRUST
BOARD OF TRUSTEES**

October 2, 2024
1:30 PM

Location: Remote*

Minutes

Attendees: State Treasurer Deborah Goldberg, Chair
Bonnie Heiple, Commissioner, MassDEP
Timur Yontar, Capital Budget Director, Executive Office for
Administration & Finance, Designee

Also Present: James MacDonald, First Deputy Treasurer, Office of the State Treasurer
Susan Perez, Executive Director, MCWT
Nate Keenan, Department Director, MCWT
My Tran, Treasurer, MCWT
William Kalivas, Treasury Specialist, MCWT
Nicole Munchbach, Assistant Controller, MCWT
Sunkarie Konteh, Accountant, MCWT
Pam Booker, Accountant, MCWT
Josh Derouen, Program Manager, MCWT
Kailyn Fellmeth, Senior Program Associate, MCWT
Aidan O'Keefe, Program Associate, MCWT
Esther Omole, Program Associate, MCWT
Ray LeConte, Program Associate, MCWT
Jonathan Maple, Senior Policy Analyst, MCWT
Maria Pinaud, Director of Municipal Services, MassDEP
Bridget Munster, Program Manager, MassDEP
Yvette DePeiza, Drinking Water Program Director, MassDEP
Robin McNamara, Deputy Director of Municipal Services, MassDEP
Lilla Dick, Section Chief, MassDEP
Kathleen Baskin, Assistant Commissioner, MassDEP
Andrew Napolitano, Director of Communications, Office of the State
Treasurer
Jennifer Pederson, Executive Director, Massachusetts Water Works
Association

CALL TO ORDER: The meeting was called to order by Treasurer Goldberg at 1:30 pm.

Item #1

MOTION- VOTE

Acceptance and approval of minutes of the meeting held on September 4, 2024.

The motion was made by Mr. Yontar and seconded by Commissioner Heiple and voted unanimously in favor of acceptance and approval of the minutes of the meeting of the Board held on September 4, 2024.

Item #2

REPORT OF THE EXECUTIVE COMMITTEE

Lead Service Line Inventory Updates

Ms. DePeiza stated that on or before October 16th, 766 community and non-transient, non-community public water systems (PWS) need to submit a service line inventory. Inventories will categorize the material compositions of the service lines as either lead, galvanized requiring replacement (GRR), or lead status unknown.

MassDEP created an electronic process for PWS to submit their inventories. Inventories must be made available to the public. Inventories have already been submitted by 25% of PWS with more expected to come in. Inventories received by the October 16th deadline will be reported to the EPA on October 17th. Any PWS that do not submit inventories by this deadline will receive pre-enforcement notices from MassDEP about further enforcement actions that will be taken by EPA.

By November 15th, PWS must notify those served by lead, galvanize requiring replacement (GRR) and unknown materials service lines.

After October 16th, PWS that exceed the 90th percentile of the lead action level of 15 ppb must issue Tier I public notices within 24 hours.

Department Director

Ms. Perez stated that Mr. Keenan was promoted to Department Director. Mr. Keenan's passion and service are greatly appreciated with managing his team of several direct reports and bringing in new communities during his 13 years of service.

Treasurer Goldberg expressed that Mr. Keenan has been a pleasure to work with and congratulated him on his promotion.

Item #3

MOTION- VOTE

The motion was made by Commissioner Heiple and seconded by Mr. Yontar and voted unanimously in favor of acceptance and approval of the following:

Approval of amendment of Bylaws to add the office of Department Director and remove the office of Deputy Director

That the revised Bylaws of the Trust are hereby approved in the form presented at or prior to this meeting.

Item #4

MOTION- VOTE

The motion was made by Mr. Yontar and seconded by Commissioner Heiple and voted unanimously in favor of acceptance and approval of the following:

Appointment of Department Director

That the Board of Trustees appoints and confirms the following individual as Department Director of the Massachusetts Clean Water Trust, in accordance with the provisions of the By-Laws, which individual has been nominated as such officer by the Trustees listed next to their name:

<u>OFFICE</u>	<u>NAME</u>	<u>NOMINATED BY</u>
Department Director	Nate Keenan	State Treasurer

Item #5

MOTION- VOTE

The motion was made by Commissioner Heiple and seconded by Mr. Yontar and voted unanimously in favor of acceptance and approval of the following:

Approval of Asset Management Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
CWA-24-27	Deerfield	\$150,000
CWA-24-29	Deerfield	\$150,000
CWA-24-21	Middleborough	\$139,235

Item #6

MOTION- VOTE

The motion was made by Mr. Yontar and seconded by Commissioner Heiple and voted unanimously in favor of acceptance and approval of the following:

Approval of Lead Service Line Planning Program Grant Commitment and Grant Agreement

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
DWL-23-40	Lincoln	\$173,000 ¹

Item #7

MOTION- VOTE

The motion was made by Commissioner Heiple and seconded by Mr. Yontar and voted unanimously in favor of acceptance and approval of the following:

Approval of Clean Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-23-24	New Bedford	\$5,479,262 ²	2%
CW-23-36	Revere	\$10,000,000	2%

¹ First Revision. Previous Grant Amount was \$43,000.

² First Revision. Previous PAC Amount was \$4,200,000.

Item #8

MOTION- VOTE

The motion was made by Mr. Yontar and seconded by Commissioner Heiple and voted unanimously in favor of acceptance and approval of the following:

Approval of the Clean Water Loans and Financing Agreements

<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CWP-23-24	New Bedford	\$4,807,892	2%
CWP-23-24-A	New Bedford	\$671,370	2%
CWP-23-36	Revere	\$5,797,336	2%
CWP-23-36-A	Revere	\$1,450,000	2%
CWP-23-20	Worcester	\$3,527,099	1.5% ³
CWP-23-20-A	Worcester	\$331,030	1.5% ³

Item #9

MOTION- VOTE

The motion was made by Commissioner Heiple and seconded by Mr. Yontar and voted unanimously in favor of acceptance and approval of the following:

Approval of the Drinking Water Loans and Financing Agreements

<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DWEC-23-118	Foxborough	\$10,250,000	0% ⁴
DWP-23-140	Springfield Water and Sewer Commission	\$15,000,000	2%

OTHER BUSINESS: None.

ADJOURN: The motion was made by Commissioner Heiple and seconded by Mr. Yontar and voted unanimously in favor of adjourning the meeting at 1:47 p.m.

LIST OF DOCUMENTS AND EXHIBITS USED:

1. Minutes, September 4, 2024
2. Bylaws of the Massachusetts Clean Water Trust as Amended Through October 2024
3. Bylaws of the Massachusetts Clean Water Trust as Amended Through October 2024 Redline
4. Project Descriptions

***Location: Remote:** Notice is hereby given that the October 2, 2024 meeting of the Massachusetts Clean Water Trust's Board of Trustees will be held through remote participation in accordance with M.G.L.c.30A, §20, as modified by c.20 of the Acts of 2021, c.22 of the Acts of 2022, and c.2 of the Acts of 2023.

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³ Housing Choice Loan

⁴ PFAS Remediation Loan

Please Note: There will be no physical meeting at the offices of the Massachusetts Clean Water Trust.



Items #2 through #3 (*No Reference Documents*)



Items #4 through #11 *Project Descriptions*

Project Descriptions for November 6, 2024

Board of Trustees Meeting

Asset Management Planning Commitments and Agreements

Barnstable CWA-24-53

Barnstable Stormwater Asset Management Plan

The project will develop a new GIS-based inventory of town-owned culverts to accurately quantify, locate, and map these assets. This GIS platform will be inclusive of other known stormwater assets such as BMPs, catch basins, and manholes. Each culvert will be assessed and analyzed based on the probability of failure and consequence of failure of each culvert. The results of this analysis will be used to rank and identify the most critical culverts. A risk-based asset management program will be developed and conceptual Opinions of Probable Construction Cost (OPCCs) for the most severely ranked culverts, to support decision makers.

Cherry Valley Sewer District CWA-24-61

FY2025 Sewer AM Planning Project

The project is to continue work on a “living” collection system planning (dynamic) tool that provides a constantly updating roadmap for the district’s collection system infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. The district intends to revisit and update the Asset Management Program in perpetuity to continue to have a planning tool as the District moves forward in maintaining its infrastructure.

Cohasset CWA-24-36

Cohasset WWTP AMP

The project is to complete an Asset Management Plan (AMP) for the Town's wastewater treatment plant (WWTP). The WWTP has periodic capacity challenges as well as occasional mechanical failure, in part due to peak flow events at the WWTP. The plant was built in 1978 and with many of its assets approaching 50 years of service, the Water & Sewer Commission is concerned about increasing risk due to aging equipment and increased demands on the facility. This AMP will provide fundamental information for managing the WWTP assets in the short, mid, and long term, and for justifying system investments to the public.

Deerfield Fire District DWA-24-54

Asset Management Plan

The project includes the development of a comprehensive Asset Management Plan (AMP) to inventory the DFD's water system assets. The AMP will focus on sources, treatment, storage, pumping facilities, and distribution system piping. The AMP is intended to provide the resources to maintain high levels of system reliability, water quality, and financially sound decision making for town residents now and in the future.

Great Barrington CWA-24-28

FY2025 Sewer AM Planning Project (CMOM Year 4)

The project is to continue work on a “living” collection system planning (dynamic) tool that provides a constantly updating roadmap for the Town’s collection system infrastructure. The Town views asset management as a streamlined and focused process that aids the Town in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the Town moves forward in maintaining its infrastructure.

Holyoke Water Works DWA-24-46

Water Asset Management Plan

The project is to build upon the results of the 2018 CIP by assessing horizontal and vertical infrastructure condition to provide an updated priority ranking and updated recommendations and costs. This project will also assist Holyoke Water Works in developing a comprehensive Asset Management Plan (AMP) to establish a proactive maintenance operations style and build upon their risk and resiliency efforts.

Hoosac Water Quality District CWA-24-24

WWTF AM Plan and Capital Improvements Plan

The project is to continue work on a “living” Wastewater Treatment Facility (WWTF) planning (dynamic) tool that provides a continually updated roadmap for the District’s WWTF infrastructure. The district views asset management as a streamlined and focused process that aids the district in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the district moves forward in maintaining its infrastructure.

Huntington CWA-24-18

Huntington Water and Sewer Asset Management

The project is to perform a holistic approach to a criticality-based asset management approach for water and sewer systems. The intent is to develop sustainable long-term maintenance and replacement plans for the Town to become proactive as opposed to reactive. The tools developed as part of this project will be a dynamic document able to be updated as time goes on.

Lee CWA-24-17**FY2025 Sewer AM Planning Project (CMOM Year 2)**

The project is to continue work on a “living” collection system planning (dynamic) tool that provides a continually updated roadmap for the Town’s collection system infrastructure. The Town views asset management as a streamlined and focused process that aids the Town in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the Town moves forward in maintaining its infrastructure.

Lee DWA-24-37**Drinking Water Asset Management Plan**

The goal of this Asset Management Program is to continue work on a “living” water system planning (dynamic) tool that provides a constantly updating roadmap for the Town’s water system infrastructure. The Town views asset management as a streamlined and focused process that aids the Town in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the Town moves forward in maintaining its infrastructure.

Leicester Water Supply District CWA-24-34**Sewer Asset Management Plan**

The project is to continue work on a “living” collection system planning (dynamic) tool that provides a continually updated roadmap for the district’s collection system infrastructure. The district views asset management as a streamlined and focused process that aids the district in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the district moves forward in maintaining its infrastructure.

Lenox CWA-24-16**FY2025 Sewer AM Planning Project (CMOM Year 2)**

The project is to continue work on a “living” collection system planning (dynamic) tool that provides a continually updated roadmap for the Town’s collection system infrastructure. The Town views asset management as a streamlined and focused process that aids the Town in defining and prioritizing the capital improvements that are needed within the existing infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. This asset management process must be revisited and updated in perpetuity to continue to have a useful planning tool as the Town moves forward in maintaining its infrastructure.

Sudbury CWA-24-32**Sudbury Stormwater AMP**

The project is to create a Stormwater Asset Management Plan (AMP) and improve workflows and dataflows for managing stormwater assets. The Town has the following objectives: 1. Improve stormwater system inventory. 2. Conduct a condition assessment of critical stormwater assets. 3. Configure the Town's asset management software for stormwater management activities. 4. Create a stormwater system asset management plan.

Upper Blackstone Clean Water CWA-24-35**Upper Blackstone Clean Water Asset Management Plan**

The project will provide a field condition assessment and criticality analysis of the approximately 3,800 vertical wastewater assets at a 45 MGD wastewater treatment facility serving multiple communities. The project builds upon the existing asset inventory by adding advanced attributes including useful remaining life and risk, and formulates a capital plan to mitigate these risks.

Asset Management Planning Agreement**Ware CWA-23-50****Town of Ware Wastewater Asset Management Plan**

The Project is to expand upon the Town's horizontal asset mapping efforts to develop a comprehensive Asset Management Plan (AMP) that includes vertical assets at one sewer pumping station and the Town's wastewater treatment plant, as well as horizontal assets within the sewer collection system.

Lead Service Line Planning Program Commitments and Agreements**Billerica DWL-22-61****Service Line Inventory & Lead Replacement Plan**

Service Line Inventory and Lead Service Line Replacement Plan.

Chatham DWL-24-15**Lead Service Line Inventory and Replacement Plans**

The Town of Chatham is creating an electronic water service line inventory. The inventory will be available to the public and will aid in developing plans for future lead services line replacements. A GIS page will be created to allow the town to track and monitor the services. The Town identified 7,295 water service cards that will be used to identify materials of the public and private sides. Approximately 730 of these water service tie cards will need to be scanned and indexed. Additional information on the private side materials will be provided by meter replacement data from 2017-2018. Other data sources for service materials include the Town's Water GIS, documenting water main installations and public service line replacements, and the assessor's database.

Cherry Valley and Rochdale Water District DWL-23-53

Service Line Inventory and LSL Replacement Plan

The work of this project consists of 2 phases. The first phase consists of reviewing existing service material records database, collection of available records, updating the existing database, creating a list of unknown service line materials, and creating a list of service categorized as lead, galvanized requiring replacement, or lead status unknown. The second phase consists of up to 600 letters with self-identifying LSL document to customers with unknown service line materials, establish a dedicated email and phone number through T&H's system, update inventory database on responses, perform up to 300 home inspections for service line materials verification, and provide GIS shapefile with updated service line materials.

East Longmeadow DWL-23-13

LSL Planning

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 East Longmeadow 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.

Easthampton DWL-23-61

Lead Service Line Inventory and Replacement Plan

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 Easthampton water distribution system 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 an LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Leicester Water Supply District DWL-23-85**Service Line Inventory and LSL Replacement Plan**

This project will be completed for the Leicester Water Supply District (LWSD) and the Hillcrest Water District (HWD). LWSD the record keeper for both the LWSD and HWD so will be developing and maintaining the service line inventory for both systems. The work of this project generally consists of the collection of available records, the creation of a LSL database, the creation of a list of unknown service line materials and a ranking for verification that indicates high, medium, and low probabilities of lead, the creation of a GIS shapefile with the LSL database, creation of a list of service lines categorized as lead, galvanized requiring replacement, or lead status unknown, the development of a plan to address services lines categorized as lead, galvanized requiring replacement, or lead status unknown, and conducting home inspections at up to 250 properties to confirm or verify material on either side of the meter.

Rowley DWL-23-57**Lead Service Line Inventory and Replacement Plan**

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.

Southwick DWL-23-64**Lead Service Line Inventory and Replacement Plan**

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 Southwick water distribution system 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 an LSL replacement plan. The plan will include a procedure for conducting replacements and a funding strategy.

Woburn DWL-24-49**Water Service Inventory Project**

The City of Woburn is developing an electronic water service line inventory. The inventory will be available to the public and will aid in developing plans for future lead service line replacement efforts. A GIS page will be created to allow the city to track and monitor water service materials. The City of Woburn has an estimated 11,763 services and 480 fire services, these tie cards will need to be scanned and indexed for review of water service materials. Private side service material will be populated from the 2013-2015 water meter replacement project that documented over 10,000 private side service.

Cybersecurity Improvement Grant Commitments and Agreements

Dalton Fire District DWC-24-21

Cybersecurity Improvement Grant Program

Fall River DWC-24-20

Cybersecurity Improvement Grant Program

Georgetown DWC-24-22

Cybersecurity Improvement Grant Program

Clean Water Commitment

Lynn Water and Sewer Commission CW-24-62

West Lynn Sewer Separation - Phases 3, 4, & 5

The Lynn Water and Sewer Commission's project involves sewer separation of approximately 260 acres in an urban setting in the western side of the city. To facilitate discharge of the stormwater, a new 100 MGD pump station and 54" force main, which discharges to Lynn Harbor, will also be installed. The project consists of five (5) phases of construction. Construction of Phases 1 & 2 are underway.

Drinking Water Commitments

Amherst DW-24-67

Centennial Water Treatment Plant Replacement

The Town of Amherst seeks to replace the Centennial Water Treatment facility. The Town has five groundwater production wells and four surface water reservoirs that supply an average of 3 million gallons per day (MGD) of safe drinking water to the residents and businesses, as well as Amherst and Hampshire Colleges, UMass, and parts of Pelham, Belchertown, and Hadley.

Mansfield DW-24-35

Dustin-Prescott PFAS Treatment and Wells

The project provides upgrades to the Dustin-Prescott WTP and two onsite wells. Sampling at the WTP has shown PFAS levels above the 4 ppt. Upgrades to the plant include the installation of 6 new GAC pressure vessels and related valves and piping in a new PFAS treatment building. The existing facility will also have process, plumbing/HVAC, electric, and controls upgrades. The two wells onsite have lost their original capacity, and the Town needs the wells to meet peak demands. The wells will be replaced with two new gravel packed wells with submersible pumps and pit less adaptors.

Springfield Water and Sewer Commission DW-24-68

Replacement of Water Treatment Plant – Phase 2B

The Project consists of the construction of a water treatment plant with new treatment processes including coagulation, flocculation, Dissolved Air Flotation (DAF) and filtration to replace the existing direct filtration and slow sand filtration processes. The DAF as a clarification process will increase removal of natural organic matter to achieve compliance with Disinfection Byproduct (DBP) maximum contaminant levels (MCLs).

Clean Water Agreements

Barnstable CWP-23-53

Centerville Village Sewer Expansion

The Project will expand the municipal sewer system within the Centerville River Watershed to address nitrogen loading to the Centerville River and pond protection of Wequaquet Lake consistent with the Town's Comprehensive Wastewater Management Plan (CWMP).

Barnstable CWP-23-53-A

Centerville Village Sewer Expansion

The Project will expand the municipal sewer system within the Centerville River Watershed to address nitrogen loading to the Centerville River and pond protection of Wequaquet Lake consistent with the Town's Comprehensive Wastewater Management Plan (CWMP).

Chatham CW-23-42

WPCF Sludge Processing Upgrades

The Project includes upgrades to the solids processing facilities, including adding a belt filter press and associated equipment; upgrading a sludge holding tank and adding an additional blower. This project will further the wastewater management strategies set forth in the Town's Comprehensive Wastewater Management Plan (CWMP), allowing the facility to continue to process sludge as collection systems are expanded both in Chatham and in the neighboring Town of Harwich. This project will provide critical improvements to allow the WPCF to increase its sludge processing capacity as collection systems are expanded throughout the Town.

Lynn Water and Sewer Commission CWP-24-62

West Lynn Sewer Separation - Phases 3, 4, & 5

The Lynn Water and Sewer Commission's project involves sewer separation of approximately 260 acres in an urban setting in the western side of the city. To facilitate discharge of the stormwater, a new 100 MGD pump station and 54" force main, which discharges to Lynn Harbor, will also be installed. The project consists of five (5) phases of construction. Construction of Phases 1 & 2 are underway.

Drinking Water Agreements

Amherst DWP-24-67

Centennial Water Treatment Plant Replacement

The Town of Amherst seeks to replace the Centennial Water Treatment facility. The Town has five groundwater production wells and four surface water reservoirs that supply an average of 3 million gallons per day (MGD) of safe drinking water to the residents and businesses, as well as Amherst and Hampshire Colleges, UMass, and parts of Pelham, Belchertown, and Hadley.

East Brookfield DWP-22-49

Water Storage Improvements

The Town of East Brookfield Water Improvements Project includes a water storage tank replacement and AC pipe replacement.

Franklin DWEC-23-121**Franklin Well 7/7A PFAS Treatment**

The Project consists of treatment of per- and polyfluoroalkyl substances (PFAS) detected at the Well 7/7A located off Elizabeth Ave in Franklin, likely using GAC.

Mansfield DWEC-24-35**Dustin-Prescott PFAS Treatment and Wells**

The project provides upgrades to the Dustin-Prescott WTF and two onsite wells. Sampling at the WTP has shown PFAS levels above the 4 ppt. Upgrades to the plant include the installation of 6 new GAC pressure vessels and related valves and piping in a new PFAS treatment building. The existing facility will also have process, plumbing/HVAC, electric, and controls upgrades. The two wells onsite have lost their original capacity, and the Town needs the wells to meet peak demands. The wells will be replaced with two new gravel packed wells with submersible pumps and pit less adaptors.

Springfield Water and Sewer Commission DWP-24-68**Replacement of Water Treatment Plant – Phase 2B**

The Project consists of the construction of a water treatment plant with new treatment processes including coagulation, flocculation, Dissolved Air Flotation (DAF) and filtration to replace the existing direct filtration and slow sand filtration processes. The DAF as a clarification process will increase removal of natural organic matter to achieve compliance with Disinfection Byproduct (DBP) maximum contaminant levels (MCLs).



Item #12 (*No Reference Documents*)