

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

December 4, 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 November 6, 2024.

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

Item #3 **MOTION- VOTE REQUESTED**

Approval of Asset Management Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
DWA-24-44	Belmont	\$65,775
DWA-24-38	Bondsville Fire and Water District	\$34,000
CWA-24-38	Danvers	\$105,000
DWA-24-71	Freetown	\$123,240
DWA-24-74	Hingham	\$150,000
CWA-24-70	Medfield	\$150,000
DWA-24-66	Orleans	\$36,000
DWA-24-87	Somerset	\$51,780
CWA-24-66	Southbridge	\$90,000

Item #4 **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-23-73	Boston Water and Sewer Commission	\$5,264,581 ¹
DWL-24-28	Mansfield	\$640,000 ²
DWL-23-17	Marion	\$234,100 ³
DWL-23-101	North Adams	\$452,100 ⁴
DWL-23-145	North Chelmsford Water District	\$920,200 ⁵

¹ First Revision. Previous Grant amount was \$2,800,000.

² First Revision. Previous Grant amount was \$300,000.

³ First Revision. Previous Grant amount was \$75,000.

⁴ First Revision. Previous Grant amount was \$204,000.

⁵ First Revision. Previous Grant amount was \$475,000.

Item #5

MOTION- VOTE REQUESTED

Approval of Community Septic Management Program Commitment

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-24-63	Avon	\$400,000	2%

Item #6

MOTION- VOTE REQUESTED

Approval of Clean Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-24-68	Massachusetts Water Resources Authority	\$50,000,000	2%
CW-24-23	Wareham	\$20,000,000	2%
CW-24-67	Yarmouth	\$50,000,000	0%⁶

Item #7

MOTION- VOTE REQUESTED

Approval of Drinking Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DW-24-75	Braintree	\$10,000,000	0%⁷
DW-24-23	Chatham	\$3,139,033	0%⁷
DW-24-85	Eastham	\$2,312,449	1.5%⁸
DW-24-47	Easton	\$4,879,390	1.5%⁸
DW-24-77	Holbrook	\$3,200,000	0%⁷
DW-24-84	Littleton	\$4,078,000	0%⁷
DW-24-82	Lynnfield Center Water District	\$3,831,850	0%⁷
DW-24-69	Massachusetts Water Resources Authority	\$10,724,536	2%
DW-24-83	Massachusetts Water Resources Authority	\$4,275,464	2%
DW-24-78	New Bedford	\$2,732,677	2%
DW-24-76	Randolph	\$6,800,000	0%⁷
DW-24-73	Raynham Center Water District	\$14,920,000	0%⁷
DW-24-86	Scituate	\$10,000,000	1.5%⁸
DW-24-79	Sharon	\$10,000,000	0%⁷
DW-23-42	Somerville	\$3,986,595⁹	0%¹⁰
DW-24-81	Webster	\$10,000,000	0%⁷

⁶ Nutrient Enrichment Reduction Loan

⁷ PFAS Remediation Loan

⁸ Housing Choice Loan

⁹ Second Revision. Previous PAC amount was \$1,926,577.

¹⁰ Lead Service Line Replacement Loan

Item #8

MOTION- VOTE REQUESTED

Approval of Community Septic Management Program Loan and Financing Agreement

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CWT-24-63	Avon	\$400,000	2%

Item #9

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>
CW-24-68	Massachusetts Water Resources Authority	\$50,000,000	2%
CWP-23-26	New Bedford	\$1,827,308	2%
CWP-23-26-A	New Bedford	\$333,450	2%
CWP-24-23	Wareham	\$20,000,000	2%
CWP-23-03	Yarmouth	\$46,389,946¹¹	0%⁶
CWP-24-67	Yarmouth	\$45,845,300	0%⁶
CWP-24-67-A	Yarmouth	\$4,154,700	0%⁶

Item #10

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>
DWPEC-24-75	Braintree	\$10,000,000	0%⁷
DWEC-24-23	Chatham	\$3,139,033	0%⁷
DWP-24-85	Eastham	\$2,312,449	1.5%⁸
DWPEC-24-77	Holbrook	\$3,200,000	0%⁷
DWEC-23-136	Littleton	\$15,000,000	0%⁷
DWEC-24-84	Littleton	\$4,078,000	0%⁷
DWEC-24-82	Lynnfield Center Water District	\$3,831,850	0%⁷
DW-24-69	Massachusetts Water Resources Authority	\$10,724,536	2%
DW-24-83	Massachusetts Water Resources Authority	\$4,275,464	2%
DWP-24-43	Mattapoissett River Valley Water District	\$2,566,200	2%
DWP-24-78	New Bedford	\$2,732,677	2%
DWPEC-24-76	Randolph	\$6,800,000	0%⁷
DWPEC-24-73	Raynham Center Water District	\$14,920,000	0%⁷
DW-24-86	Scituate	\$10,000,000	1.5%⁸
DWEC-24-79	Sharon	\$10,000,000	0%⁷
DWPLC-23-42	Somerville	\$3,986,595¹²	0%¹⁰
DWPEC-24-81	Webster	\$10,000,000	0%⁷

¹¹ Second Revision. Previous PRA amount was \$38,169,258.

¹² Second Revision. Previous PRA amount was \$1,926,577.

Item #11

MOTION- VOTE REQUESTED

Approval of School Water Improvement Grants

<u>Grant No.</u>	<u>Grantee</u>	<u>Grant Amount</u>
SWIG-24-24	Austen Riggs Nursery School	\$3,000
SWIG-24-25	St. Catherine of Siena School	\$12,000
SWIG-24-26	St. Bernard's High School	\$9,000

Item #12

MOTION- VOTE REQUESTED

Authorization of Loan Forgiveness for 2023 Projects

That the Board hereby approves principal forgiveness for Loans to the Borrowers, for the 2023 Clean Water Projects and 2023 Drinking Water Projects, in the amounts, all as listed in Schedules 1 and 2; subject to the availability of funds therefor and to the terms and conditions of the Financing Agreements.

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, December 4, 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 November 6,
2024***

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

November 6, 2024
1:30 PM

Location: Remote*

Minutes

Attendees: James MacDonald, First Deputy Treasurer, Office of the State Treasurer, Designee
Timur Yontar, Capital Budget Director, Executive Office for Administration & Finance, Designee
Maria Pinaud, Director of Municipal Services, MassDEP, Designee

Also Present: Susan Perez, Executive Director, MCWT
Nate Keenan, Department Director, MCWT
My Tran, Treasurer, MCWT
Nicole Munchbach, Assistant Controller, MCWT
Sunkarie Konteh, Accountant, MCWT
Pam Booker, Accountant, MCWT
Rachel Stanton, Investor Relations and Communications Graphic Designer, 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
Bridget Munster, Program Manager, MassDEP
Robin McNamara, Deputy Director of Municipal Services, MassDEP
Lilla Dick, Section Chief, MassDEP
Kathleen Baskin, Assistant Commissioner, MassDEP
Emily Kowtoniuk, Legislative Director, Office of the State Treasurer
Andrew Napolitano, Director of Communications, Office of the State Treasurer

CALL TO ORDER: The meeting was called to order by Mr. MacDonald at 1:30 p.m.

Item #1

MOTION- VOTE

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

The motion was made by Ms. Pinaud and seconded by Mr. Yontar, and voted unanimously in favor of acceptance and approval of the minutes of the meeting of the Board held on October 2, 2024.

Item #2

REPORT OF THE EXECUTIVE COMMITTEE

Financial Statement Audit

Ms. Perez stated that the Trust's Fiscal Year 2024 Financial Statement Audit has been completed. It was a clean audit. When it is finalized, it will be posted to Electronic Municipal Mark Access (EMMA).

The FY 2024 Annual Comprehensive Financial Report (ACFR) is expected to be completed by the end of this calendar year.

Thank you to everyone that helped prepare for this audit, especially MassDEP and the Trust's accounting teams.

2025 Intended Use Plan (IUP) Update

Ms. Perez said that that project solicitation for the 2025 IUPs ended. MassDEP ranked the projects and developed the Project Priority List. The Trust is continuing to work with MassDEP on capacity so that the draft 2025 IUPs may be published.

Lead Service Line Inventories

Ms. Perez said that MassDEP's Drinking Water Program collected lead service line inventories across the Commonwealth by the October 16, 2024 deadline. Compliance rates were very high, with all but two public water suppliers submitting their inventories by the deadline.

We are appreciative of the Drinking Water Program's hard work.

MOTION- VOTE

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

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

The motion was made by Ms. Pinaud 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-24-53	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

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

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

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

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

Item #7

MOTION- VOTE

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

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

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

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

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 #9

MOTION- VOTE

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

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

The motion was made by Ms. Pinaud and seconded by Mr. Yontar 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-23-53	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

The motion was made by Mr. Yontar and seconded by Ms. Pinaud 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>
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

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

Approval of School Water Improvement Grant

<u>Grant No.</u>	<u>Grantee</u>	<u>Grant Amount</u>
SWIG-24-23	East Boston Central Catholic School	\$6,000

OTHER BUSINESS: None

ADJOURN: The motion was made by Ms. Pinaud and seconded by Mr. Yontar and voted unanimously in favor of adjourning the meeting at 1:37 p.m.

LIST OF DOCUMENTS AND EXHIBITS USED:

1. Minutes, October 2, 2024
2. Project Descriptions

***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.

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



Item #2 (*No Reference Documents*)



Items #3 through #10 *Project Descriptions*

Project Descriptions for December 4, 2024

Board of Trustees Meeting

Asset Management Planning Commitments and Agreements

Belmont DWA-24-44

Asset Management Planning

The project includes an update to the Town's asset inventory to reflect recent upgrades to the system and complete connectivity. In addition, a computer-based model will be generated and used to perform a condition assessment by examining current levels of service and informing a criticality/risk analysis by examining likelihood and consequence of failure. This will generate a list of priority assets, and an Asset Management Plan will be drafted outlining recommended water system improvements.

Bondsville Fire and Water District DWA-24-38

Bondsville Asset Management

The Bondsville Fire & Water District will create Asset Inventory databases for horizontal and vertical assets that will be used to develop preventative maintenance schedules and identify assets in need of replacement.

Danvers CWA-24-38

Danvers Stormwater Asset Management Project

The project will develop an Asset Management Plan (AMP) that would help the Town understand the condition and vulnerabilities of the drainage system and would assist the Town in establishing a proactive stormwater system maintenance, repair, and replacement program and help with budgeting needs. The AMP will expand existing stormwater asset inventory and condition data, identify critical assets within the system, update attribute GIS data, determine an appropriate level of service, move to a more proactive O&M program, perform funding analysis, and assist with ongoing MS4 permit requirements.

Freetown DWA-24-71

Water System Infrastructure Mapping

The project will field locate and assess the Town's water system assets (gate valves and hydrants) and establish connectivity in GIS. The Town will integrate this inventory into and develop an asset management platform for work order management. The Town also plans to integrate water system records into its asset management platform.

Hingham DWA-24-74

Water System Infrastructure Mapping

The WRWS project is to locate gate valves and hydrants using a GPS device and integrate these assets into a GIS environment. In addition, the WRWS is to integrate the water system asset inventory into the Asset Management Platform on PeopleGIS to allow the WRWS to manage assets through its robust work order system.

Medfield CWA-24-70**Medfield Sewer Collection AMP**

The project is to complete an AMP for the Town's sewer collection system that will help understand the condition of the system and potential investment needed in the short, and midterm to minimize infiltration and inflow (I/I). The Town of Medfield's wastewater collection system was primarily installed in the 1970s and consists of 62 miles of sewer main network. The collection system is experiencing groundwater infiltration and rainfall induced infiltration because of structural defects within the sewer pipes and manholes. The Town has invested in a recent Sewer System Evaluation Survey (SSES) to aid in identifying the sewer subareas contributing to the infiltration.

Orleans DWA-24-66**Orleans Asset Management Plan Updates**

The project is to update and implement the existing Asset Management Plan to improve upon and consolidate inventory and mapping of the Town's water system. The project will develop a comprehensive inventory and condition assessment of all the systems' horizontal assets, which will aid the Town in coordinating efforts to maintain and rehabilitate critical infrastructure in a timely and cost-effective way, thereby reducing risk of system failure and ensuring continued, high-quality service to customers in a growing community.

Somerset DWA-24-87**Somerset WTP Asset Management Plan**

The project is to conduct a thorough evaluation of the Town's water treatment plant and create an Asset Management Plan (AMP). Objectives: Perform a detailed conditional assessment of the WTP. Document and evaluate equipment, systems, and structures for recommended maintenance or replacement. Define and assess likelihood and consequence of failure of critical assets by development of a risk-based Asset Management (AM) Program. Develop a life cycle cost and integrated capital improvement plan defining annual, 5, and 10-year capital improvements to be made to the WTP. Prepare an Asset Management and Implementation Plan Report.

Southbridge CWA-24-66**Stormwater Asset Management Project**

They will develop a risk-based AMP to guide decision making and help prioritize asset rehabilitation, replacement, and maintenance activities to meet level of service goals, including resilience. It will also refine the existing asset inventory, including current conditions and enhance in-house data collection. It will identify and prioritize critical assets within the stormwater system, including the consequence of failure of such assets.

Lead Service Line Planning Program Commitments and Agreements**Boston Water and Sewer Commission DWL-23-73****Lead Service Line Inventory Investigations**

The Commission is undertaking the inventory of thousands of private and public water services which the current records indicate as unknown, other or lead. The Commission is documenting the services by various methods including, internal scratch tests, vacuum excavation and potentially with a new device developed by Electroscan. There are 2,561 water services on the public side and 4,366 water services on the private side that require investigation.

Mansfield DWL-24-28**Service Line Inventories & LSL Replacement Plans**

The project is to develop an electronic inventory of the Town's existing water services as preparation for compliance with the Lead and Copper Rule Revisions (LCRR), including an inventory per LCRR & MassDEP templates, performance of inspections to understand service line materials, and development of a Lead Service Line Replacement Plan.

Marion DWL-23-17**LSL Inventory & Replacement Project**

The work of this project generally consists of preparing a comprehensive Lead Service Line Inventory and database for both the public and private portions of water service lines that will be made publicly available. The database will be built using available digital and paper records, MassGIS database, assessor's database, and based on information included in the EPA's Service Line Inventory Guidance. A list of unknown service lists will be created with associated high, medium, and low probability of lead rankings. Schedule and conduct up to 150 home inspections focusing on locations determined to have a high probability of lead.

North Adams DWL-23-101**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 North Adams 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.

North Chelmsford Water District DWL-23-145**Service Line Inventory and Replacement Plan**

This work will include investigation of unknown service lines utilizing a combination of machine learning technology and service line inspections, development of Lead Service Line (LSL) inventory tool to publicly display mapping of the district's existing inventory, provide updates to the Client's existing water system geographic information systems (GIS) and assistance with submitting the MassDEP service live inventory template and replacement plan development.

Community Septic Management Program Commitment**Avon CW-24-63****Septic Management Program**

Repairing, replacing and/or upgrading failed septic systems.

Clean Water Commitments

Massachusetts Water Resources Authority CW-24-68

DITP Clarifier #2

The Massachusetts Water Resources Authority's project is needed to correct deficiencies noted during the first Primary & Secondary Clarifier project. Project will include the replacement of systems such as: influent gates that are not providing adequate isolation; effluent launders and aeration systems that are in need of repair/replacement; and, concrete corrosion in primary clarifiers above the water line that require repair and coating to prevent future corrosion. The sludge removal system in primary tanks and aeration/recirculation systems in secondary tanks need to be rehabilitated as well. The Authority will not be able to meet its discharge permit without this upgrade.

Wareham CW-24-23

WPCF Improvements - Phase 2

The Project consists of upgrades to the Wareham WPCF to continue to treat existing and future flows that are anticipated as a result of growth within the community and for nutrient management. Upgrading these processes is critical to the continued functioning of the facility and will allow for further expansion of the collection system and potentially bringing many failing septic systems into the centralized wastewater treatment system.

Yarmouth CW-24-67

Phase I - WRRF and Collection System

The Project implements Phase 1 of Yarmouth's CWMP that includes: construction of Water Resource Recovery Facility, construction of effluent recharge site and collection system with sewerage (approximately 78,000 lin ft) and pumping stations along Rte. 28, from the Barnstable town line to the Bass River, along with sewerage on South Shore Drive. The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds. These watersheds require a large reduction in nitrogen based on the MEP reports and TMDLs. Phase 1 will also help protect municipal drinking water wells from contamination by reducing on-site septic systems.

Drinking Water Commitments

Braintree DW-24-75

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control

The new TTRWTP will incorporate improved treatment technology to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Chatham DW-24-23

Training Field Road PFAS Water Treatment Plant

This Project involves the construction of a new water treatment facility to treat the PFAS contamination found in two of the Town's wells. The new water facility will include chemical treatment as well as greensand and PFAS filtration systems. Modifications and upgrades to the well buildings will be necessary to support the WTP. The goal of the Project is to remove PFAS, iron, and manganese from the water, providing the Town with safe drinking water.

Eastham DW-24-85

Eastham Water System - Phase 2E

The Town of Eastham seeks to continue its implementation of a new, Town-wide municipal water system to provide a clean and reliable source of drinking water for its residents as well as fire protection. As part of the water system construction proposed for Phase 2E, an additional 51, 000 feet of water main (9.7 miles) distribution system piping is to be installed and a second water storage tank (750, 000 gallons) is to be constructed at District H. Phase 2E completes the entire water system project.

Easton DW-24-47

Red Mill Road WTP PFAS Upgrade

The project involves adding treatment to The Red Mill Road Water Treatment Plant (WTP) that combines raw water from Wells 3, 5, and 7 for iron and manganese treatment at the new WTP. Source water quality at Wells 3, 5, and 7 currently meet the MassDEP Maximum Contaminant Limit (MCL) for per- and polyfluoroalkyl substances (PFAS).

Holbrook DW-24-77

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control

The new TTRWTP will incorporate improved treatment technology in order to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Littleton DW-24-84

Water Supply Main Extension Littleton/Boxborough

The Project will develop a new water supply well at 153 Taylor St. The new well should supply ~0.5MGD. The new well will pump to the new LELWD WTP & provide additional water to the existing customers of Littleton and proposed 18 PWSs in Boxborough that are impacted by PFAS, sodium, chloride, & perchlorate. The work includes drilling & construction of the new groundwater well & associated pump station, a new raw water main to convey water from the new well to the new WTP, and a new finished water main extending from the existing Littleton main in Whitcomb Ave and continuing south ~4.5 miles to the Codman Hill Condominiums PWS#2037001 in Boxborough.

Lynnfield Center Water District DW-24-82

Glen Drive WTP & Station 2 Pipeline

The Project includes the construction of a new 0.8 MGD water treatment plant (WTP) for existing water sources and 4,000 LF of transmission main. The WTP will include radon removal, new high lift pumps, greensand pressure vessels, GAC pressure vessels, chemical feed systems, backup generator and associated building mechanical. The Station 2 pipeline project includes 4,000 linear feet of 6" ductile iron transmission main to connect the Station 2 water source to the Glen Drive WTP. The completed project is needed for long-term PFAS compliance, and will mitigate PFAS with the required iron, manganese and radon removal prior to the GAC.

Massachusetts Water Resources Authority DW-24-69

Northern Intermediate High Section 89 Replacement

This construction project will replace approximately 10,500 feet of 48-inch PCCP water main, Section 89, in Stoneham, Winchester, and Woburn, the abandonment of Section 29 in Stoneham, and the replacement of valves and appurtenances for approximately 9000 feet of 36-inch Ductile Iron water main in Woburn. Replacement of the older PCCP pipeline in Section 89 (identified as having a significant risk of catastrophic failure) will ensure that this service area has a redundant means of water supply.

Massachusetts Water Resources Authority DW-24-83

Section 23, 24, 47 Water Mains Rehab

The Massachusetts Water Resources Authority seeks to rehabilitate three water mains designated as Sections 23, 24 and 47 under contract 6392. The water mains serve the communities of Boston and Watertown. Section 23 and section 24 are 124-year-old cast iron pipes, Section 47 is a 103-year-old cast iron main. The goal of this project is to improve the condition, hydraulic capacity and reliability of the existing water mains, avoid potential service disruption because of breaks and leaks, and improve hydraulic and operating deficiencies in the distribution system.

New Bedford DW-24-78

Quittacas Water Treatment Plant Upgrades

The City of New Bedford's Quittacas Water Treatment Plant (QWTP) Upgrades project is the second phase of the QWTP upgrades. The QWTP was constructed in the 1970's and no major upgrade has been completed since. Phase 1 was just completed and included upgrades to the electrical distribution system. This phase includes upgrades to the remaining major equipment such as the HVAC system, SCADA, and process areas to ensure the plant continues to function safely and properly.

Randolph DW-24-76

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

- Polymer and PACL addition for coagulation of raw water
- Dissolved air floatation (DAF) for removal of larger, coagulated solids
- Granular activated carbon (GAC) filtration for removal of per- and polyfluoroalkyl substances (PFAS) and smaller, finer solids
- Chlorine addition for disinfection and pH adjustment for corrosion control

The new TTRWTP will incorporate improved treatment technology to provide high quality finished water and to maintain distribution system residuals. The regional facility, with a design capacity of 12.5 MGD, would meet all current and anticipated drinking water standards, and would also improve the aesthetic quality of drinking water for Braintree, Randolph, and Holbrook.

Raynham Center Water District DW-24-73**PFAS Water Treatment Plants**

The Project includes the construction of two PFAS water treatment plants, one at the Lake Nip site and one at the Gushee Pond site.

Scituate DW-24-86**Surface Water Treatment Plant**

The Project includes the construction of a new water treatment facility in accordance with the Administrative Consent Order (ACO) received in August 2020. The new water treatment facility will include plate settler clarification, dual media filter treatment, new emergency back-up power, intake piping, interconnection piping and appurtenances. The completed project will improve drinking water quality by reducing high manganese and iron concentrations and eliminate microbiological contaminations and discoloration.

Sharon DW-24-79**Wells 2 & 4 Water Treatment Plant**

The Project consists of the construction of a permanent treatment facility to reduce PFAS6 and manganese levels in the finished water from Wells 2 & 4.

Somerville DW-23-42**Somerville LSL Replacement Program**

Drawing from the recently completed service line inventory, the lead service line (LSL) replacement program was developed to achieve the City's goal to eliminate lead materials from the drinking water distribution system. This Project consists of multiple phases, each of which targets approximately 100 properties each year, for replacement of service lines known to contain lead. Ongoing Work includes updates to the system inventory and support for future phases until the goal is achieved.

Webster DW-24-81**PFAS Water Treatment Plants**

The Project consists of the construction of two new PFAS water treatment plants and a meter system upgrade project. The WTPs will remove PFAS to below regulatory limits from both the Memorial Beach and Bigelow Well Sites. The proposed new WTP at the Bigelow site will also remove manganese to below regulatory limits. Two replacement wells will also be installed to improve system redundancy. The water meter upgrade project will significantly reduce the Town's unaccounted for water (UAW).

Community Septic Management Agreement**Avon CWT-24-63****Septic Management Program**

Repairing, replacing and/or upgrading failed septic systems.

Clean Water Agreements

Massachusetts Water Resources Authority CW-24-68

DITP Clarifier #2

The Massachusetts Water Resources Authority's project is needed to correct deficiencies noted during the first Primary & Secondary Clarifier project. Project will include the replacement of systems such as: influent gates that are not providing adequate isolation; effluent launders and aeration systems that are in need of repair/replacement; and concrete corrosion in primary clarifiers above the water line that require repair and coating to prevent future corrosion. The sludge removal system in primary tanks and aeration/recirculation systems in secondary tanks need to be rehabilitated as well. The Authority will not be able to meet its discharge permit without this upgrade.

New Bedford CWP-23-26

Sassaquin Pond Water Quality Improvements

The Project consists of water quality improvements within the area tributary to Sassaquin Pond, located at the north end of the City of New Bedford. The pond has historically poor water quality and is subject to algal blooms. This project will directly abate the issues addressed in an existing court order and improve water quality in the pond.

New Bedford CWP-23-26-A

Sassaquin Pond Water Quality Improvements

The Project consists of water quality improvements within the area tributary to Sassaquin Pond, located at the north end of the City of New Bedford. The pond has historically poor water quality and is subject to algal blooms. This project will directly abate the issues addressed in an existing court order and improve water quality in the pond.

Wareham CWP-24-23

WPCF Improvements - Phase 2

The Project consists of upgrades to the Wareham WPCF to continue to treat existing and future flows that are anticipated as a result of growth within the community and for nutrient management. Upgrading these processes is critical to the continued functioning of the facility and will allow for further expansion of the collection system and potentially bringing many failing septic systems into the centralized wastewater treatment system.

Yarmouth CWP-23-03

Phase I - WRRF and Collection System

The Project implements Phase 1 of Yarmouth's CWMP that includes: construction of Water Resource Recovery Facility, construction of effluent recharge site and collection system with sewerage (approximately 78,000 linear ft) and pumping stations along Rte. 28, from the Barnstable town line to the Bass River, along with sewerage on South Shore Drive. The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds. These watersheds require a large reduction in nitrogen based on the MEP reports and TMDLs. Phase 1 will also help protect municipal drinking water wells from contamination by reducing on-site septic systems.

Yarmouth CWP-24-67

Phase I - WRRF and Collection System

The Project implements Phase 1 of Yarmouth's CWMP that includes: construction of Water Resource Recovery Facility, construction of effluent recharge site and collection system with sewerage (approximately 78,000 linear ft) and pumping stations along Rte. 28, from the Barnstable town line to the Bass River, along with sewerage on South Shore Drive. The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the nitrogen-sensitive Bass River, Parkers River, and Lewis Bay watersheds. These watersheds require a large reduction in nitrogen based on the MEP reports and TMDLs. Phase 1 will also help protect municipal drinking water wells from contamination by reducing on-site septic systems.

Yarmouth CWP-24-67-A

Phase I - WRRF and Collection System

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Drinking Water Agreements

Braintree DWPEC-24-75

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

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Chatham DWEC-24-23

Training Field Road PFAS Water Treatment Plant

This Project involves the construction of a new water treatment facility to treat the PFAS contamination found in two of the Town's wells. The new water facility will include chemical treatment as well as greensand and PFAS filtration systems. Modifications and upgrades to the well buildings will be necessary to support the WTP. The goal of the Project is to remove PFAS, iron, and manganese from the water, providing the Town with safe drinking water.

Eastham DWP-24-85

Eastham Water System - Phase 2E

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Holbrook DWPEC-24-77

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

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Littleton DWEC-23-136

Water Supply Main Extension Littleton/Boxborough

The Project will develop a new water supply well at 153 Taylor St. The new well should supply ~0.5MGD. The new well will pump to the new LELWD WTP & provide additional water to the existing customers of Littleton and proposed 18 PWSs in Boxborough that are impacted by PFAS, sodium, chloride, & perchlorate. The work includes drilling & construction of the new groundwater well & associated pump station, a new raw water main to convey water from the new well to the new WTP, and a new finished water main extending from the existing Littleton main in Whitcomb Ave and continuing south ~4.5 miles to the Codman Hill Condominiums PWS#2037001 in Boxborough.

Littleton DWEC-24-84

Water Supply Main Extension Littleton/Boxborough

The Project will develop a new water supply well at 153 Taylor St. The new well should supply ~0.5MGD. The new well will pump to the new LELWD WTP & provide additional water to the existing customers of Littleton and proposed 18 PWSs in Boxborough that are impacted by PFAS, sodium, chloride, & perchlorate. The work includes drilling & construction of the new groundwater well & associated pump station, a new raw water main to convey water from the new well to the new WTP, and a new finished water main extending from the existing Littleton main in Whitcomb Ave and continuing south ~4.5 miles to the Codman Hill Condominiums PWS#2037001 in Boxborough.

Lynnfield Center Water District DWEC-24-82

Glen Drive WTP & Station 2 Pipeline

The Project includes the construction of a new 0.8 MGD water treatment plant (WTP) for existing water sources and 4,000 LF of transmission main. The WTP will include radon removal, new high lift pumps, greensand pressure vessels, GAC pressure vessels, chemical feed systems, backup generator and associated building mechanical. The Station 2 pipeline project includes 4,000 linear feet of 6" ductile iron transmission main to connect the Station 2 water source to the Glen Drive WTP. The completed project is needed for long-term PFAS compliance, and will mitigate PFAS with the required iron, manganese and radon removal prior to the GAC.

Massachusetts Water Resources Authority DW-24-69

Northern Intermediate High Section 89 Replacement

This construction project will replace approximately 10,500 feet of 48-inch PCCP water main, Section 89, in Stoneham, Winchester, and Woburn, the abandonment of Section 29 in Stoneham, and the replacement of valves and appurtenances for approximately 9000 feet of 36-inch Ductile Iron water main in Woburn. Replacement of the older PCCP pipeline in Section 89 (identified as having a significant risk of catastrophic failure) will ensure that this service area has a redundant means of water supply.

Massachusetts Water Resources Authority DW-24-83

Section 23, 24, 47 Water Mains Rehab

The Massachusetts Water Resources Authority seeks to rehabilitate three water mains designated as Sections 23, 24 and 47 under contract 6392. The water mains serve the communities of Boston and Watertown. Section 23 and section 24 are 124-year-old cast iron pipes, Section 47 is a 103-year-old cast iron main. The goal of this project is to improve the condition, hydraulic capacity and reliability of the existing water mains, avoid potential service disruption because of breaks and leaks, and improve hydraulic and operating deficiencies in the distribution system.

Mattapoisett River Valley Water District DWP-24-43

MRVWD Water Treatment Plant Upgrades

The project includes replacement of the existing TARGA® II ultrafiltration system at the Mattapoisett River Valley Water District's Water Treatment Plant with a new PURON® MP 64 ultrafiltration system, furnishing and installing a 4-log virus removal UV disinfection system, and SCADA system upgrades. The UV disinfection system will provide continuous disinfection of water serving the district communities.

New Bedford DWP-24-78

Quittacas Water Treatment Plant Upgrades

The City of New Bedford's Quittacas Water Treatment Plant (QWTP) Upgrades project is the second phase of the QWTP upgrades. The QWTP was constructed in the 1970's and no major upgrade has been completed since. Phase 1 was just completed and included upgrades to the electrical distribution system. This phase includes upgrades to the remaining major equipment such as the HVAC system, SCADA, and process areas to ensure the plant continues to function safely and properly.

Randolph DWPEC-24-76

Tri-Town Regional Water Treatment Plant

The proposed Tri-Town Regional Water Treatment Plant (TTRWTP) project would create a regional facility to replace the existing Braintree WTP and Randolph/Holbrook WTP. The new regional facility would eliminate redundancies of having two individual plants and their associated capital and operation and maintenance costs. The new Tri-Town WTP will help protect public health by reducing bacteria, carcinogenic compounds, and disinfectant byproducts present in the current systems. The water treatment process would be as follows:

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Raynham Center Water District DWPEC-24-73

PFAS Water Treatment Plants

The Project includes the construction of two PFAS water treatment plants, one at the Lake Nip site and one at the Gushee Pond site.

Scituate DW-24-86

Surface Water Treatment Plant

The Project includes the construction of a new water treatment facility in accordance with the Administrative Consent Order (ACO) received in August 2020. The new water treatment facility will include plate settler clarification, dual media filter treatment, new emergency back-up power, intake piping, interconnection piping and appurtenances. The completed project will improve drinking water quality by reducing high manganese and iron concentrations and eliminate microbiological contaminations and discoloration.

Sharon DWEC-24-79

Wells 2 & 4 Water Treatment Plant

The Project consists of the construction of a permanent treatment facility to reduce PFAS6 and manganese levels in the finished water from Wells 2 & 4.

Somerville DWPLC-23-42**Somerville LSL Replacement Program**

Drawing from the recently completed service line inventory, the lead service line (LSL) replacement program was developed to achieve the City's goal to eliminate lead materials from the drinking water distribution system. This Project consists of multiple phases, each of which targets approximately 100 properties each year, for replacement of service lines known to contain lead. Ongoing Work includes updates to the system inventory and support for future phases until the goal is achieved.

Webster DWPEC-24-81**PFAS Water Treatment Plants**

The Project consists of the construction of two new PFAS water treatment plants and a meter system upgrade project. The WTPs will remove PFAS to below regulatory limits from both the Memorial Beach and Bigelow Well Sites. The proposed new WTP at the Bigelow site will also remove manganese to below regulatory limits. Two replacement wells will also be installed to improve system redundancy. The water meter upgrade project will significantly reduce the Town's unaccounted for water (UAW).



Item #11 (*No Reference Documents*)



***Item #12 Authorization of Loan Forgiveness for 2023
Projects***

Massachusetts Clean Water Trust
Loan Forgiveness for Qualifying 2023 Projects
Schedule 1- Clean Water Loan Forgiveness

<u>Loan Number</u>	<u>Borrower</u>	<u>Loan Amount</u>	<u>Loan Forgiveness</u>	<u>Project Title</u>
CWP-23-11	Barnstable	\$1,790,143	\$94,878	Sewer Extension and Vacuum Sewer Removal
CWP-23-54	Barnstable	3,275,585	173,607	2023 Wastewater Pump Station Improvements
CWP-23-30	Brockton	2,179,948	324,813	Sewer System Rehabilitation Phase 3
CWP-23-34-A	Fitchburg	3,495,000	520,755	CSO 032, 045, 083 Separation/Rehabilitation
CWP-23-34	Fitchburg	24,210,362	3,607,345	CSO 032, 045, 083 Separation/Rehabilitation
CWP-23-19	Harwich	37,689,975	1,997,570	Harwich Phase 3 Sewer Extension
CWP-23-19-A	Harwich	4,232,000	224,296	Harwich Phase 3 Sewer Extension
CWP-23-14	Haverhill	2,389,275	229,372	Pump Station Upgrades
CWP-23-33-A	Kingston	557,500	29,548	Effluent Recharge Site No. 3 & Sewer Expansion
CWP-23-33	Kingston	6,485,500	343,732	Effluent Recharge Site No. 3 & Sewer Expansion
CW-23-09	Lawrence	410,000	61,090	Sanitary Sewer Evaluation Study- Phase IV
CWP-23-52	Lowell	25,084,277	3,737,558	Duck Island WWTF Phase 3 Upgrade
CWP-23-52-A	Lowell	2,759,000	411,091	Duck Island WWTF Phase 3 Upgrade
CW-23-18	Marshfield	8,100,000	429,300	Plymouth Ave Pump Station Upgrades
CWP-23-27	Mashpee	5,400,000	286,200	Phase 1 Mashpee Treatment and Collection System
CW-23-61	MWRA	2,000,000	40,000	DITP Clarifier #2
CWP-23-24	New Bedford	4,807,892	716,377	Buttonwood Brook Improvements
CWP-23-24-A	New Bedford	671,370	100,035	Buttonwood Brook Improvements
CWP-23-48-A	Quincy	739,400	39,189	FY24 Sewer & Drain Improvements
CWP-23-48	Quincy	6,388,378	338,585	FY24 Sewer & Drain Improvements
CWP-23-36	Revere	5,797,336	556,546	Phase 14 Construction - I/I, IDDE, P.S. & Drainage
CWP-23-36-A	Revere	1,450,000	139,200	Phase 14 Construction - I/I, IDDE, P.S. & Drainage
CWP-23-47	Saugus	2,956,784	283,852	Comprehensive Sewer System Rehabilitation- 3A
CWPEC-23-62	Shutesbury	150,000	22,350	Shutesbury Fire Dept. Immediate Response Action
CWP-23-21	Upper Blackstone Clean Water	6,358,366	947,398	Standby Power for Resiliency
CWP-23-56	Wareham	16,000,000	2,384,000	WPCF Improvements - Phase 2
CWP-23-20	Worcester	3,527,099	525,538	Lake Avenue Pump Station Improvements
CWP-23-20-A	Worcester	331,030	49,324	Lake Avenue Pump Station Improvements
CWP-23-03	Yarmouth	38,169,258	3,664,250	Phase I - WRRF and Collection System
CWP-23-03-A	Yarmouth	3,610,054	346,566	Phase I - WRRF and Collection System
<u>Total</u>		<u>\$221,015,532</u>	<u>\$22,624,365</u>	

Massachusetts Clean Water Trust
Loan Forgiveness for Qualifying 2022 and 2023 Projects
Schedule 2- Drinking Water Loan Forgiveness

<u>Loan Number</u>	<u>Borrower</u>	<u>Loan Amount</u>	<u>Loan Forgiveness</u>	<u>Project Title</u>
DWEC-23-134	Aquarion Water Company	\$4,679,913	\$1,127,860	Oak Pond Well GAC Treatment Facility
DWEC-23-144	Aquarion Water Company	4,514,850	1,417,664	North Main Street Water Treatment Plant
DWLC-22-50	BWSC	6,997,468	2,798,987	Lead Service Line Replacement
DWPEC-23-151	Braintree	10,000,000	1,680,000	Tri-Town Regional Water Treatment Plant
DWEC-23-107	Chatham	15,000,000	2,025,000	Training Field Road PFAS Water Treatment Plant
DWP-23-135	East Brookfield	9,501,583	1,919,321	West Street Fe and Mn WTP
DWEC-23-118	Foxborough	10,250,000	1,383,750	Chestnut Street WTP Improvements
DW-23-130	Harvard	7,160,000	143,200	Harvard-Devens Water System Interconnection
DWPEC-23-152	Holbrook	3,200,000	771,200	Tri-Town Regional Water Treatment Plant
DWPEC-23-117	Hopedale	4,750,000	798,000	Greene Street WTP PFAS Treatment
DWEC-23-131	Lynnfield Center Water District	15,000,000	2,025,000	Glen Drive WTP & Station 2 Pipeline
DW-23-142	MWRA	13,421,178	268,424	Section 23, 24, 47 Water Mains Rehab
DW-23-148	MWRA	765,124	15,303	Weston Aqueduct Supply Main Rehabilitation
DW-23-149	MWRA	813,698	16,274	Northern Intermediate High Section 89 Replacement
DWP-23-60	Mattapoissett River Valley WD	2,195,000	276,570	Procurement of Ultrafiltration System Equipment
DWP-23-155	New Bedford	15,000,000	4,470,000	Quittacas Water Treatment Plant Upgrades
DW-23-52	Norwell	2,343,381	316,357	South Street WTP PFAS Remediation Project
DWPEC-23-153	Randolph	6,800,000	1,638,800	Tri-Town Regional Water Treatment Plant
DWPEC-23-143	Raynham Center Water District	15,000,000	2,520,000	PFAS Water Treatment Plants
DW-23-125	Scituate	15,000,000	300,000	Surface Water Treatment Plant
DWEC-23-123	Sharon	15,000,000	2,025,000	Wells 2 & 4 Water Treatment Plant
DWP-23-140	SWSC	15,000,000	4,470,000	Replacement of Water Treatment Plant – Phase 2B
DWPEC-23-122	Stoughton	4,314,700	1,039,844	Muddy Pond Pump Station PFAS Treatment
DWEC-23-138	Sudbury Water District	7,250,611	978,833	East Street WTP PFAS Treatment
DWPEC-23-119	Webster	15,000,000	4,710,000	PFAS Water Treatment Plants
DWPEC-23-124	West Bridgewater	3,920,285	658,609	West Bridgewater Long Term PFAS Compliance
DWEC-23-129	Westborough	8,188,783	1,105,486	Oak Street WTP PFAS Improvements
DWP-23-110	Winchendon	8,250,000	2,458,500	Water Transmission Main Replacement
DWEC-23-126	WSD of Acton	7,565,462	1,021,338	PFAS Treatment at South Acton WTP
DWEC-23-127	WSD of Acton	10,351,769	1,397,489	PFAS Treatment at Central Acton WTP
DWP-23-18	Yarmouth	3,584,154	863,782	Yarmouth Well 4&5 Package PFAS Treatment System
<u>Total</u>		<u>\$260,817,959</u>	<u>\$46,640,591</u>	