

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

Annual Meeting

January 8, 2025
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 December 4, 2024.

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

Item #3 **MOTION- VOTE REQUESTED**
Election of Vice-Chair
That the Board of Trustees elects the following individual as the Vice-Chair of the Board of Trustees, in accordance with the provisions of the By-Laws:

<u>OFFICE</u>	<u>NAME</u>	<u>NOMINATED BY</u>
Vice Chair	Matthew Gorzkowicz	State Treasurer

Item #4 **MOTION- VOTE REQUESTED**
Appointment of Officers and members of the Executive Committee
That the Board of Trustees appoints and confirms the following individuals as officers of the Massachusetts Clean Water Trust and, as such officers, as members of the Executive Committee, in accordance with the provisions of the By-Laws, which individuals have been nominated as such officers by the Trustees listed next to their names:

<u>OFFICE</u>	<u>NAME</u>	<u>NOMINATED BY</u>
Executive Director	Sue Perez	State Treasurer
Director of Finance and Administration	Timur Yontar	Secretary, Executive Office for Administration and Finance
Director of Program Development	Maria Pinaud	Commissioner, Department of Environmental Protection
Deputy Director of Program Development	Bridget Munster	Commissioner, Department of Environmental Protection

Item #5

MOTION- VOTE REQUESTED

Appointment of Officers

That the Board of Trustees appoints and confirms the following individuals as officers of the Massachusetts Clean Water Trust, in accordance with the provisions of the By-Laws, which individuals have been nominated as such officers by the Trustees listed next to their names:

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

[The Board will take a break for a meeting of the Audit Committee following the approval of minutes, report of the executive committee, and the election of officers]

Item #6

MOTION- VOTE REQUESTED

Recess for Audit Committee Meeting

That the Board of Trustees votes to take a temporary recess to allow for the attendance by the Trustees at the meeting of the Audit Committee for the purpose of receiving a report from the Trust's Auditor, CLA.

Upon reconvening following the meeting of the Audit Committee, the following items will be considered by the Board:

Item #7

MOTION- VOTE REQUESTED

Fiscal Year 2024 Audit Results

That the Board of Trustees votes to accept the Fiscal Year 2024 financial statements and the Report of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards and Government Auditing Standards (Single Audit) for FY 2024.

Item #8

MOTION- VOTE REQUESTED

Approval of Asset Management Program Grant Commitments

<u>PAC No.</u>	<u>Recipient</u>	<u>Amount</u>
CW-24-57	Agawam	\$150,000
CW-24-43	Ashland	\$45,000
CW-24-30	Bedford	\$150,000
CW-24-82	Beverly	\$150,000
CW-24-87	Blackstone	\$54,360
CW-24-69	Canton	\$147,609
CW-24-33	Edgartown	\$150,000
DW-24-55	Hadley	\$93,000
CW-24-45	Lynnfield	\$86,891
CW-24-44	Methuen	\$150,000
CW-24-48	Needham	\$96,087
CW-24-37	Newton	\$150,000
DW-24-94	Salem/Beverly Water Supply Board	\$150,000
CW-24-55	South Hadley	\$150,000
CW-24-84	Wakefield	\$150,000
DW-24-56	Warren Water District	\$90,000
DW-24-62	Westfield	\$150,000
DW-24-39	Weston	\$150,000
DW-24-57	Wilbraham	\$150,000
CW-24-19	Williamstown	\$150,000
CW-24-71	Wrentham	\$150,000

Item #9

MOTION- VOTE REQUESTED

Approval of Asset Management Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
CWA-24-72	Bellingham	\$89,820
CWA-24-73	Holden	\$75,000
CWA-24-75	Hopedale	\$150,000
CWA-24-65	Nantucket	\$150,000
CWA-24-26	Orange	\$150,000
DWA-24-45	Orange	\$109,515
CWA-24-88	Plainville	\$150,000
CWA-24-85	Westminster	\$129,141
CWA-24-15	Westwood	\$150,000

Item #10

MOTION- VOTE REQUESTED

Approval of Clean Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-24-46	Barnstable	\$10,000,000	1.5% ¹
CW-24-64	Barnstable	\$30,000,000	1.5% ¹
CW-24-58	Billerica	\$1,412,000	1.5% ¹
CW-24-59	Billerica	\$14,000,000	1.5% ¹
CW-24-60	Brockton	\$2,500,000	1.5% ¹
CW-24-39	Boston Water and Sewer Commission	\$50,000,000	1.5% ¹
CW-24-79	Dennis	\$50,000,000	2%
CW-24-56	Gloucester	\$50,000,000	1.5% ¹
CW-24-76	Harwich	\$1,164,500	2%
CW-24-47	Haverhill	\$10,003,500	2%
CW-24-51	Haverhill	\$9,247,300	2%
CW-24-52	Lawrence	\$9,251,000	1.5% ¹
CW-24-42	Lowell	\$23,000,000	1.5% ¹
CW-24-78	Mashpee	\$50,000,000	2%
CW-24-49	New Bedford	\$7,050,000	2%
CW-24-74	New Bedford	\$17,515,000	2%
CW-24-77	New Bedford	\$13,485,000	2%
CW-24-31	Orange	\$1,500,000	2%
CW-24-41	Provincetown	\$32,988,700	1.5% ¹
CW-24-80	Provincetown	\$974,000	1.5% ¹
CW-24-81	Provincetown	\$848,000	1.5% ¹
CW-24-54	Quincy	\$7,000,000	1.5% ¹
CW-24-40	Revere	\$3,000,000	1.5% ¹
CW-24-86	Saugus	\$2,480,495	2%
CW-23-22	Shrewsbury	\$9,806,249 ²	1.5% ¹
CW-24-83	Swansea	\$19,080,065	2%
CW-24-50	Wellfleet	\$4,600,000	1.5% ¹
CW-24-91	Wellfleet	\$448,800	1.5% ¹

¹ Housing Choice Loan

² First Revision. Previous PAC Amount was \$9,760,000

Item #11

MOTION- VOTE REQUESTED

Approval of Drinking Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DW-24-58	Attleboro	\$15,000,000	2%
DW-24-63	Auburn Water District	\$12,240,000	2%
DW-24-61	Barnstable	\$15,000,000	1.5% ¹
DW-24-89	Bellingham	\$15,000,000	1.5% ¹
DW-24-92	Chelmsford Water District	\$15,000,000	1.5% ¹
DW-24-53	Dedham-Westwood Water District	\$15,550,000	2%
DW-24-96	Franklin	\$15,000,000	1.5% ¹
DW-24-90	Grafton Water District	\$15,000,000	1.5% ¹
DW-24-80	Groton	\$12,195,914	0% ³
DW-24-51	Middleborough	\$15,000,000	1.5% ¹
DW-24-65	New Bedford	\$30,800,000	2%
DW-24-48	Norwood	\$13,976,950	2%
DW-24-64	Plainville	\$15,000,000	1.5% ¹
DW-24-72	Shrewsbury	\$15,000,000	1.5% ¹
DW-24-88	South Grafton Water District	\$4,200,000	1.5% ¹
DW-24-91	Stoughton	\$4,440,000	1.5% ¹
DW-24-52	Uxbridge	\$14,900,000	2%
DW-24-95	West Bridgewater	\$10,760,000	2%
DW-24-60	Westford	\$15,000,000	1.5% ¹
DW-24-93	Woburn	\$6,999,965	0% ³

Item #12

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-23-51	Holyoke	\$10,500,000	2%
CW-23-22	Shrewsbury	\$9,806,249	1.5% ¹
CWP-23-31	Somerset	\$5,024,834	2%

Item #13

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>
DWLC-22-50	Boston Water and Sewer Commission	\$9,428,874 ⁴	0% ⁵
DWEC-24-80	Groton	\$12,195,914	0% ³
DWPEC-24-42	Millis	\$3,615,499	0% ³
DWPEC-23-116	Woburn	\$15,000,000	0% ³
DWPEC-24-93	Woburn	\$6,999,965	0% ³

³ PFAS Remediation Loan

⁴ Fourth Revision. Previous PRA Amount was \$6,997,468

⁵ LSL Construction Loan

Item #14

MOTION- VOTE REQUESTED

Approval of School Water Improvement Grant

Grant No.

SWIG-25-01

Grantee

**St. Raphael Parish
School**

Grant Amount

\$9,000

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, January 8, 2025 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 December 4,
2024***

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

December 4, 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
Bill Kalivas, Treasury Specialist, MCWT
Rachel Stanton, Investor Relations and Communications Graphic Designer, MCWT
Josh Derouen, Program Manager, MCWT
Jonathan Maple, Senior Policy Analyst, 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
Greg Devine, Section Chief, MassDEP
Kathleen Baskin, Assistant Commissioner, MassDEP
Mikaela Cole, Deputy Communications Director, 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 November 6, 2024.

The motion was made by Mr. Yontar and seconded by Ms. Pinaud and voted unanimously in favor of acceptance and approval of the minutes of the meeting of the Board held on November 6, 2024.

Item #2

REPORT OF THE EXECUTIVE COMMITTEE

American Rescue Plan Act (ARPA) Funding

Ms. Perez stated that the Trust committed \$211 million of its ARPA funding. The Trust expended all but \$7.7 million of the ARPA funds it committed. The unexpended ARPA funds will be wired back to the Commonwealth and swapped for state funds. This will allow the Trust to not lose the \$7.7 million in unexpended funds and comply with ARPA requirements.

Annual Board and Audit Committee Meetings

Ms. Perez stated that the Trust's Annual Board and Audit Committee meetings will be held on January 8th. The Trust and MassDEP's efforts to schedule these meetings are appreciated.

Capacity and 2025 Intended Use Plans (IUPs)

Ms. Perez said that the Trust and MassDEP are still working together to finalize its capacity calculations so that the draft 2025 IUPs can be published.

Item #3

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>
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

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 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	\$5,264,581¹
DWL-24-28	Mansfield	\$640,000²
DWL-23-17	Marion	\$234,100³
DWL-23-101	North Adams	\$452,100⁴
DWL-23-145	North Chelmsford Water District	\$920,200⁵

Item #5

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 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

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 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

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.

⁶ Nutrient Enrichment Reduction Loan

Item #7

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 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	\$3,986,595 ⁹	0% ¹⁰
DW-24-81	Webster	\$10,000,000	0% ⁷

Item #8

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 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%

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 #9

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>
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

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>
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**

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 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**

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 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: None

ADJOURN: The motion was made by Ms. Pinaud and seconded by Mr. Yontar and voted unanimously in favor of adjourning the meeting at 1:40 p.m.

LIST OF DOCUMENTS AND EXHIBITS USED:

1. Minutes, November 6, 2024
2. Project Descriptions
3. 2023 Loan Forgiveness Schedules for Clean Water and Drinking Water Amounts

***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.

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



Items #2 through #5 (*No Reference Documents*)



***Item #6: Recess for Audit Committee Meeting (Switch to
the Audit Committee Meeting Packet)***



Item #7 (*No Reference Documents*)



Items #8 through #13: *Project Descriptions*

Project Descriptions for January 8, 2025

Board of Trustees Meeting

Asset Management Planning Commitments

Agawam CW-24-57

Agawam Asset Management Plan - Phase II

The project will develop a long-term Asset Management Plan and funding strategy that the Agawam Department of Public Works (DPW) can implement to deliver the required level of service in perpetuity. The project is to ensure the long-term sustainability of the Town of Agawam's drinking water distribution, wastewater collection, and stormwater conveyance systems by selecting and implementing a commercial-off-the-shelf (COTS) software application that will assist managers in making decisions on when it is most appropriate to replace, rehabilitate, or repair assets.

Ashland CW-24-43

Ashland Asset Management

The project is to establish a system for retrieving record information that can be easily referenced as needed for water, wastewater, and stormwater assets. This program will enable the Town to continue improving the existing asset management plan through updated software management and data compilation.

Bedford CW-24-30

Bedford Stormwater Asset Management Plan

The project will implement an asset management program to coordinate and track asset maintenance activities across all departments, prioritize capital improvements objectively and holistically, and align infrastructure-related levels of service with the vision and mission of the Town.

Beverly CW-24-82

Beverly Wastewater Infrastructure Asset Mgmt. Plan

The project will bolster the City's Asset Management Plan which is currently in development. This project will focus specifically on the Wastewater asset classes to further refine horizontal assets, develop a vertical asset (pump station) hierarchy, and provide a framework for how other functional groups will be developed in the future by developing a framework to allow the City to tie historical records, inspectional, and condition-based data to our assets to make data driven decisions about our asset condition and drive future preventative maintenance, repair tasks, and capital improvements.

Blackstone CW-24-87**Blackstone Water System Asset Management**

The project is to further develop an Asset Management system for the drinking water, stormwater, and wastewater systems. The town's main goal is to organize and digitize paper records and create a document index while conforming to the Level of Service (LOS) for the utility. Additional work will be done to improve the existing drinking water and stormwater system GIS. The stormwater GIS improvements will aim to satisfy all requirements of the MS4 permit.

Canton CW-24-69**Asset Management Planning**

The project will inventory the assets at each of the Town's six sewer substations and add the relevant asset information into their GIS and Cityworks Asset Management system. The Town will then assess condition of each of their substations to determine rehabilitation and/or replacement needs at each. Additionally, the Town intends to digitize the sewer lateral asset information that currently only exists in 'paper' tie-card form and digitally connect the lateral within the GIS database. The project will help build institutional capacity, incorporate all DPW workflows into a single system of record, and leverage the tools and strategies developed previously to inform capital planning and operational decision making.

Edgartown CW-24-33**Stormwater Asset Management Project**

The project will develop an inventory of Town-owned culverts and drainage systems by identifying stormwater structures, mapping them in GIS and performing condition assessments. A criticality assessment will be conducted to quantify the risk of the assets' future performance. This project will also assist Edgartown in developing a comprehensive Asset Management Plan (AMP) to establish a proactive maintenance operations style and build upon their risk and resiliency efforts. Edgartown currently has minimal documentation of their stormwater system, so this project is important in ensuring the longevity and reliability of the infrastructure.

Hadley DW-24-55**Hadley Drinking Water Asset Management Plan**

The project will assist the Town in developing a comprehensive plan to work towards a proactive maintenance plan and assessing the most critical assets for replacement with the goal of creating a risk-based AMP and capital improvement planning methodology to guide decision making and help prioritize infrastructure rehabilitation, replacement and maintenance activities. Develop inventory and perform condition assessments at the Town-owned and operated vertical infrastructure. Estimate cost of asset maintenance and renewal in future years to justify necessary rate increases needed to maintain water infrastructure.

Lynnfield CW-24-45**Lynnfield Asset Management Inventory and Planning**

The project objectives are: 1. Expand and complete an asset inventory of key stormwater features, confirm accurate spatial data for them and organize their attribute data according to a consistent schema. 2. Initiate development of a comprehensive Asset Management Program (AMP) to create a long-term process for identifying, monitoring and prioritizing the procurement, operation, maintenance and replacement of assets. This project will result in a sustainable AMP that will help preserve institutional knowledge.

Methuen CW-24-44**Methuen Asset Management Plan Phase 2**

The project is to continue the development of the City's department-wide asset management implementation. The main objectives of this project are to incorporate the water treatment plant, wastewater pump stations, and wastewater force mains into their asset management program (Cityworks), to expand the risk framework to include these assets, to identify Level of Service (LOS) goals for these assets and to develop a water treatment plant asset management plan and to update the wastewater asset management plan.

Needham CW-24-48**Needham Sanitary Sewer System Asset Mapping**

The project will develop an advanced Asset Management Plan for the Town's sanitary sewer system, allowing the Town to practice more efficient planning and strategic decision making as well as identify critical assets and assess risks.

Newton CW-24-37**City of Newton Stormwater AMP**

The project is to update the Stormwater Infrastructure Improvement Plan (e.g. Asset Management Plan), the City of Newton DPW will work with a consultant to inventory and assess the current state of the City's stormwater control assets, inventory critical asset attributes, update the existing GIS for these assets; evaluate the level of service (LOS) of these assets in terms of quality, quantity, reliability, and environmental standards; quantify minimum life cycle costs for stormwater control operation and maintenance; and update the long-term funding strategy to incorporate efficient operations and long-term management strategies.

Salem/Beverly Water Supply Board DW-24-94**Asset Management and Sustainability Master Plan**

The SBWSB Sustainable Water Infrastructure Management Program (SWIM) will modernize and improve reliability through better preventative maintenance and adoption of best management practices by developing a better understanding of existing assets, their condition, and associated risks, and a commitment to capital renewal investments and improved planning.

South Hadley CW-24-55**Wastewater Asset Management Project**

The project is to expand upon asset mapping efforts to develop a comprehensive Asset Management Plan (AMP) that includes vertical assets at its wastewater treatment facility and horizontal assets of the collection system. The goal of this project is to create a risk-based AMP and fiscal sustainability methodology to guide decision making and help prioritize infrastructure rehabilitation, replacement, and maintenance activities to meet level of service goals.

Wakefield CW-24-84**Wakefield - Utility Plan & Tie Card Integration**

The project will integrate the existing tie-cards and utility plans to improve the accuracy of their existing ArcGIS Online. This improvement to the ArcGIS Online data will assist the Town staff in locating utility assets in the field such as valves, hydrants and sewer service connections. The Town can use these items in the future regarding the location of asset repairs, replacement, and rehabilitation to improve long term fiscal sustainability.

Warren Water District DW-24-56**Warren Water District Drinking Water AMP**

The project is to: build hydraulic model, develop GIS application, develop unidirectional flushing program, analyze water main capital projects, funding analysis/rate study. Additionally, for the iron and manganese water treatment plant (WTP) that includes GreenSand Plus filtration and chemical addition for additional disinfection, pH adjustment, and corrosion control, the project will: perform a life cycle cost analysis projecting out one year of operational data, and GIS application functionality for WWD inspections. GIS application functionality for WWD inspections will be reviewed for two gravel packed well.

Westfield DW-24-62**Water Asset Management Plan**

The project is to create a risk-based AMP and fiscal sustainability methodology to guide decision making and help prioritize infrastructure rehabilitation, replacement, and maintenance activities to meet level of service goals. This project will develop inventory and perform condition assessments at the City's water treatment facility, water storage tanks, and throughout the distribution system. It will also determine operational, replacement, and maintenance costs for facility and system assets to help justify necessary rate increases for building reserves and capital needed for water infrastructure.

Weston DW-24-39**Weston Drinking Water Asset Management Plan**

The project is to prepare an Asset Management Plan (AMP) to augment previous assessments that were limited to major infrastructure. This AMP includes inventory and assessment of the current state of the Town's water distribution system assets with particular focus on individual pipes throughout the system; update the Town's GIS; evaluate the level of service in terms of quality, quantity, reliability and environmental standards; identify assets critical to sustaining system performance; quantify minimum life cycle costs for critical assets, operations and maintenance; and determine a long-term capital improvement plan to ensure high-level performance and pipe integrity.

Wilbraham DW-24-57**Wilbraham Drinking Water Asset Management Plan**

The project involves a comprehensive water infrastructure Asset Management Plan (AMP) that includes the following major assets: Miller Street Corrosion Control Facility, Brookmont Drive Booster Pump Station, McIntosh Drive Booster Pump Station, Old Orchard Road Booster Pump Station, Glenn Drive Booster Pump Station, Bartlett Court Water Storage Tank, Water Transmission and Distribution system. This project will develop Level of Service goals, build out GIS functionality to manage horizontal and vertical assets, update hydraulic model and perform criticality analysis, field condition assessments, complete a funding analysis and water rate study and develop a capital plan.

Williamstown CW-24-19**FY2025 Sewer AM Planning Project (CMOM Year 2)**

The project is to continue to 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.

Wrentham CW-24-71**Stormwater System Asset Management Plan**

The project is to complete an asset inventory of the Town's existing Stormwater Infrastructure to better understand the utility's existing condition, network connectivity, and maintenance needs with the goal of better management of the Town's infrastructure.

Asset Management Planning Commitments and Agreements**Bellingham CWA-24-72****Stormwater Asset Management Plan**

The project will prepare a Stormwater Asset Management Plan (AMP) that will provide a road map and funding recommendations for the Town to maintain the drainage system and adequately convey stormwater runoff and reduce pollution.

Holden CWA-24-73**Water and Wastewater Asset Management Plan**

The project involves the development of a Water and Wastewater Asset Management Plan.

Hopedale CWA-24-75**Hopedale Water & Sewer Asset Management Plan**

The Hopedale Water & Sewer Asset Management Plan (AMP) aims to inventory assets, develop the GIS system, assess the condition and criticality of vertical water and wastewater assets, capture retiring operator knowledge, update the capital plan and perform a funding analysis/rate study.

Nantucket CWA-24-65**Nantucket CMMS Implementation & Asset Mgt. Plan**

The Town of Nantucket intends to purchase and implement a Computerized Maintenance Management System (CMMS) software and utilize it as a component of developing a formal asset management plan for both wastewater and storm water collection systems in their community.

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Orange CWA-24-26**FY2025 Sewer AM Planning Project (CMOM Year 1)**

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.

Orange DWA-24-45**Water Asset Management Plan**

The Asset Management Program is to continue work on a “living” water system planning (dynamic) tool that provides a continually updated roadmap for the Town’s water system infrastructure. The Asset Management Program maximizes capital investment by prioritizing the capital needs based on the criticality of the asset. The Town intends to revisit and upgrade this asset management process in perpetuity to have a planning tool as the Town moves forward in maintaining its infrastructure.

Plainville CWA-24-88**Plainville Asset Management Plan**

The project is to continue with their department-wide asset management implementation. The main objectives of this project are to incorporate the stormwater system into their asset management program (Cartegraph), to develop a stormwater asset management plan, and to configure maintenance activities for the wastewater and the water facilities. The DPW embraces and understands the principles and benefits of asset management and is looking to assess the levels of service (LOS) provided by their stormwater system as well as their status of compliance with the MS4 permit. For this reason, a specific task around LOS is included in this project, as a means for identifying areas of improvement in the future.

Westminster CWA-24-85**Westminster Asset Inventory and Planning**

The project is to continue to make incremental improvements to the Town's asset management program by building upon the success of a FY2022 grant. Project objectives include: 1) Expand the Town's existing asset information and ability to access and organize that information for management purposes; 2) Develop a user-friendly tracking system with functionality for criticality, required inspections, anticipated maintenance or replacement, and work orders; and 3) Create a written Asset Management Program Plan to create a long-term process for identifying, monitoring, evaluating, and prioritizing the procurement, operation, maintenance, rehabilitation and replacement of assets.

Westwood CWA-24-15**Westwood Storm Water Master Plan**

The project will support the Town's asset management planning efforts to improve stormwater infrastructure based on a comprehensive analysis of current and future climate change effects. The Town's asset management planning will significantly enhance the infrastructure's resilience and sustainability.

Clean Water Commitments**Barnstable CW-24-46****Route 28 West Sewer Expansion Project**

The project includes the construction of approximately 25,000 linear feet of associated gravity sewer, 23,000 linear feet of sewer force main, and five new sewer pump stations that will convey all project area wastewater flows to the Phinney's Lane Pump Station, and ultimately on to the existing Water Pollution Control Facility (WPCF). The Route 28 West project is a critical element toward building an extensive wastewater collection system that will eventually serve more than 7,000 properties in conjunction with implementation of the town's thirty-year phased Comprehensive Wastewater Management Plan.

Barnstable CW-24-64**Nitrogen Removal Improv. & New Headworks Facility**

The project consists of construction of a new 4-stage Bardenpho process followed by a membrane bioreactor to expand and upgrade its nutrient removal technology, and construct a new headworks facility on the site of the current Barnstable Water Pollution Control Facility. The project involves sewerage Needs Area 2 as recommended in the Town's approved CWMP. The project is important to protect and improve water quality in sensitive receiving waters and environmental and recreational resources in its vicinity and downstream in the Acushnet River/Estuary and greater Buzzards Bay National Estuary.

Billerica CW-24-58**Infiltration/Inflow Rehabilitation Project**

The Project includes the rehabilitation of various pipes and manholes throughout the Town's sewer system to reduce I/I. Addressing the defects found during CCTV investigations will allow the Town to both reduce I/I in the sewer system and reduce risk of future failure.

Billerica CW-24-59**Brown Street Force Main Rehabilitation/Replacement**

The project includes the rehabilitation/replacement of the aging Brown Street Force Main utilizing a combination of open cut excavation and trenchless technologies. The 15,000 LF existing force main plays a critical role in the Town's sewer conveyance system, conveying approximately 4,000 gpm from the Brown Street Pump Station to the Rogers Street Pump Station before reaching the WRRF.

Brockton CW-24-60**Sewer System Rehabilitation Phase 4**

The project implements Phase 4 and includes up to 10 miles of preparatory cleaning of existing sewer pipe, internal television inspection, cured-in-place (CIP) sewer pipe lining, and rehabilitation of manholes. The objective is to reduce flows at the AWRF, allowing for more capacity for Brockton residents and surrounding communities, prevent exceedances of the City's NPDES permit for the AWRF flows, lower maintenance costs of effected pumping and treatment facilities, reduce/eliminate the potential for SSOs in and downstream of these sub-areas, and improve water quality of surrounding watersheds.

Boston Water and Sewer Commission CW-24-39**East Boston Sewer Separation Phase IV**

The project is to reduce CSO discharges in Boston's Inner Harbor and Chelsea Creek. It involves five sewer separation projects over an area of 230 acres by constructing new storm drains and allowing the existing combined sewers to function as separate sanitary sewers, or by constructing new sanitary sewers and allowing the existing combined sewer to serve as storm drains.

Dennis CW-24-79**Phase 1 - WRRF and Collection System**

The project includes implementation of Phase 1 of Dennis's CWMP and includes construction of a Water Resource Recovery Facility and a recharge facility, construction of a sewer "spine" from the WRRF to the commercial planning district along Route 28, and sewerage in residential areas adjacent to Bass River and East-West Dennis (Route 134). The construction of the new WRRF and collection system in Phase 1 will begin to reduce nitrogen loading in the Bass River, Swan Pond, and Herring River watersheds which require a large reduction in nitrogen based on the TMDLs and MEP reports.

Gloucester CW-24-56**WPCF Secondary Treatment and Facility Upgrades**

The project includes modifications and additions to the existing facility that include the replacement of aged systems as well as the addition of new secondary treatment systems in accordance with the City's NPDES permit and USEPA Consent Decree.

Harwich CW-24-76**Harwich Route 28 Sewer Project**

The Harwich Route 28 Sewer Construction Project will allow the town to continue implementing their approved Comprehensive Wastewater Management Plan (CWMP). This project will continue the sewer implementation called for in the CWMP to address nitrogen loading from septic systems by implementing a wastewater collection system to serve watersheds that impact coastal estuaries. This project will address a portion of the Herring River Watershed.

Haverhill CW-24-47**Closure of Northern Mound of Haverhill Landfill**

This project comprises of construction of a final cap and recreational fields on the Northern Mound portion of the Haverhill Landfill and cap adjacent Lot 26 Ash Area, including the stabilization of landfilled areas into the Merrimack River and restoration of endangered species habitat. The final cap will virtually eliminate the infiltration of rainwater into the landfilled waste including any remaining hazardous waste in the Northern Mound. Stabilization of the bank will stop the continuing erosion of landfilled waste into the river. The closure is subject of an ACO between the City and Holicm (City's partner) and the MassDEP.

Haverhill CW-24-51**Haverhill Locke Street Phase 1**

The project implements the first phase of a project separating approximately 4,700 LF of combined sewers in the Locke Street area of Haverhill by installing new drainage pipe, disconnecting catch basins from the sanitary sewer and connecting them to the separate storm sewer, and rehabilitating existing sewers and manholes, as necessary. This project is part of Haverhill's 2018 Integrated FLTCP and 2016 Consent Decree and will reduce the volume and frequency of combined sewer overflow (CSO) discharges from the three CSO regulators within the Locke Street Area to the Little River and Merrimack River.

Lawrence CW-24-52**Sewer and Drainage Improvements/Contract 7**

This project will rehabilitate and replace sewer system defects, and operational and maintenance issues identified in the 2020 SSES report. The sewer and drainage system improvements will address structural pipe failures, reduce infiltration and inflow sources and abate illicit cross-connections to the MS4 areas.

Lowell CW-24-42**Centralville Sewer Separation Program – Phase 1**

The project will separate the CSS in a portion of Lowell that conveys flow from a 400-acre area in Lowell and a separated 500-acre area in Dracut (surface flow into the sewer via Humphrey's Brook). Separation will be completed in two phases: Phase 1 is the installation of the mainline pipe (approximately 7,500 feet from 36-inches to large box culverts) to remove brook flow from the sewer system. The project will reduce CSO discharges at the West CSO Outfall and will consider green infrastructure.

Mashpee CW-24-78**Phase 2 Mashpee Treatment and Collection System**

The project will expand the treatment capacity at the Mashpee WRRF and expand the collection system in the Mashpee River watershed. The project is a critical component of the centralized infrastructure outlined in the Town's Watershed Nitrogen Management Plan, required to meet the Town's nitrogen Total Maximum Daily Loads (TMDLs).

New Bedford CW-24-49**WWTP Improvements**

The project includes various improvements at the New Bedford Wastewater Treatment Plant, including equipment upgrades, alkalinity system upgrades, and SCADA upgrades.

New Bedford CW-24-74**Wastewater Collection System Improvements**

The project involves improvements to the wastewater collection system and includes three contracts: Contract 1 - Phase 3 Coggeshall Street Sewer Separation, Contract 2 - Illicit Discharge Removal Program, and Contract 3 - Phase 1 Interceptor and Collector Sewer Rehabilitation Program.

New Bedford CW-24-77**Wastewater Pumping Station Improvements**

The project includes the replacement of the City's Howard Avenue Pumping Station based on the January 2017 Long Term CSO Control and Integrated Capital Improvements Plan (Project CSO8D). The project is mandated under the City's 2019 Administrative Order with MassDEP.

Orange CW-24-31**WWTF Influent Pump and Aeration Blower Upgrades**

The Town of Orange is requesting State Revolving Fund (SRF) emergency financing to complete replacement of the influent pumping system at the Town's Wastewater Treatment Facility (WWTF). The proposed project will eliminate the temporary bypass pumping system erected to address the unexpected failure of the influent pumping system and provide a permanent solution. The work for this project includes the replacement of the pumps, VFDs, valves, piping and SCADA controls for the influent system. The SRF-eligible portion of this Project is estimated as \$1,500,000. The Project also includes funding from a MassDEP GAP III Energy Grant for replacement of an existing blower with two new turbo aeration blowers and replacement dissolved oxygen sensors.

Provincetown CW-24-41**Provincetown Phase 6B Collection System Expansion**

The project will expand the collection system in the existing unsewered areas of Provincetown. A total of nine new subareas with a total of 513 properties will be served. It will include construction of new collection system sewer pump stations, gravity sewers, and force mains.

Provincetown CW-24-80

I-I and Sewer Redirects

The I/I and Sewer Redirects project will upgrade the vacuum sewer system to optimize the direction of sewer and control the infiltration and inflow from sewer manholes that overwhelm the flow of the system. Waterproofing measures will take place to combat the foreseeable increase in coastal flooding.

Provincetown CW-24-81

Jerome Smith Pump Station

The project includes construction of an intermediate pump station to pump flow from a new satellite treatment facility located at the existing Route 6/Jerome Smith soccer field to the existing WWTF, via a proposed new force main. The intermediate pump station will include submersible pumps and will be designed to cover the wide range of anticipated flows.

Quincy CW-24-54

FY25 Sewer & Drain Improvements

The project implements recommendations found in past SSES reports as well as findings from the City's ongoing and continuous effort to improve their sewer collection system and water quality. In addition to SSES and I/I based projects, the City has been advancing their MS4 obligations under the MS4 Permit and the EPA Consent Decree to address water quality concerns. The city continues to screen for illicit discharges, conduct catchment investigations, and evaluate potential sources of illicit discharges throughout the city. This project includes sewer improvements for the CY2025 construction season as required to meet the obligations of the City's Consent Decree.

Revere CW-24-40

Phase 15 Construction - I/I, IDDE, P.S. & Drainage

The project includes the removal of inflow/infiltration (I/I) from the City's sewer system and capacity improvement. Construction will include the redirection of public and private inflow sources discovered during Phase 15 Field Investigations in addition to IDDE source removal, and drainage improvements. Illicit connections, including sump pumps, roof leaders, etc. will be removed from the City's sewer system to remove inflow and increase wastewater capacity. Construction will also include pump station improvements (both stormwater and wastewater), CIPP lining, sewer spot repairs, replacements, new sewer lines, cleaning, and additional wastewater metering.

Saugus CW-24-86

Comprehensive Sewer System Rehabilitation - 2

The project includes comprehensive sewer system rehabilitation in Subsystem 2 in Saugus. Construction will include the rehabilitation of pipelines, manholes, and service laterals necessary to eliminate I/I from the system. Approximately 7,600 feet of 8-inch, 200 feet of 10-inch, and 4,650 feet of 24-inch pipe have been identified as needing CIPP in Subsystem 2 to eliminate I/I. Also included in this project will be the installation of a lining system to improve the quality of the service to mainline connection. There are approximately 160 of this type of connection in Subsystem 2. Approximately 60 manholes have also been identified and need rehabilitation. Each manhole will be lined using the latest standards.

Shrewsbury CW-23-22**Rolfe & Maple Ave PS Upgrade and FM Replacement**

The Project involves the upgrade of Rolfe Avenue and Maple Avenue Pump Stations and Force Main Replacement. The purpose of these improvements is to restore useful life of the stations and force main, improve operator safety, and improve system reliability.

Swansea CW-24-83**Route 6 Corridor Sewer Collection System**

The project will implement recommendations made by the Town's 2006 CWMP that include new construction of a sanitary sewer collection system within the Town of Swansea, from the Town Municipal Complex on Wood Street, continuing to Swansea Mall Drive, and then along Route 6 East, to the boundary line with the Town of Somerset. Improvements to the Town of Somerset's existing sewer system are also included. The intermunicipal project employs the use of seven pump stations and over 10.7 miles of gravity sewers and force mains.

Wellfleet CW-24-50**95 Lawrence Wastewater Treatment and Collection**

The project includes the construction of a new neighborhood scale wastewater treatment plant, designed to reduce nitrogen in the Duck Creek sub-watershed of Wellfleet Harbor. The wastewater treatment plant will serve the proposed 95 Lawrence Road affordable housing project, 3 existing municipal buildings (the Police station, Fire Station. and Wellfleet Elementary School), and existing abutting residential properties. The project is part of the MEP Threshold Compliance Approach to restore the water quality in Wellfleet Harbor, as outlined in the Wellfleet Targeted Watershed Management Plan.

Wellfleet CW-24-91**Wellfleet Enhanced I&A Septic System Program**

The project will provide an important pilot program and focuses on a new generation of enhanced innovative and alternative (EIA) septic systems that achieve effluent quality of less than 10 mg nitrogen/liter. The operation, maintenance and monitoring of the EIA systems would be managed by a Responsible Management Entity (RME). The Wellfleet Targeted Watershed Management Plan (TWMP) recommends a hybrid of conventional and nonconventional nutrient reduction technologies and strategies to achieve the water quality thresholds throughout the Wellfleet Harbor estuarine system.

Drinking Water Commitments**Attleboro DW-24-58****Wading River Water Treatment Plant**

The work generally includes construction of a proposed water treatment plant capable of treating up to 2.0 MGD, including flocculation tanks, DAF filter units, granular media filters, PFAS filters, and all associated electrical, instrumentation, and controls, HVAC, Plumbing, chemical feed systems, and a building to house all the equipment. Site work will include new water mains, parking area, and stormwater management.

Auburn Water District DW-24-63**Arsenic and PFAS Removal WTP for South Street Well**

The project involves construction of a water treatment plant for the South Street Wells to remove arsenic and PFAS. The arsenic levels exceed the MCL and were removed from service. These wells must be returned to service with the appropriate treatment in place to protect public health, meet compliance with drinking water MCLs and maintain a sustainable water supply for customers.

Barnstable DW-24-61**Straightway & Hyannisport PFAS Treatment Facility**

This project is to construct drinking water treatment facility upgrades necessary to remove PFAS6, iron and manganese, and 1,4-Dioxane to below the regulatory limits for Barnstable's Hyannis Water System Straightway and Hyannisport Treatment Facilities. The upgrades will expand and winterize the existing seasonal PFAS system and restore the facilities' full permitted capacity equal to a third of HWS total capacity. The project will include well replacement, granular activated carbon for PFAS adsorption, greensand filters for removal of iron and manganese, and Ultraviolet Advanced Oxidation Process (UV- AOP) for 1,4-Dioxane destruction, along with associated site work to construct a new treatment building and pump station.

Bellingham DW-24-89**PFAS Treatment at Hartford Avenue WTP**

The project includes the construction of a new building to house the equipment needed for PFAS removal and TOC removal. Treatment will include Granular Activated Carbon for PFAS removal and ACTIVFLO Carb for organics removal. The completed project will improve drinking water quality by reducing high PFAS and TTHM concentrations.

Chelmsford Water District DW-24-92**Chelmsford WD PFAS Treatment**

The project involves treatment of PFAS6 that is above the Massachusetts standard at the Crooked Springs WTP (CSWTP). The project also includes the consolidation of PFAS treatment for the Spring Street WTP (SSWTP) at the CSWTP site with finished water being conveyed through a new approximately 2.5-mile transmission main. In addition, the project will install another PFAS treatment system at the Riverneck WTP (RNWTP).

Dedham-Westwood Water District DW-24-53**DWWD - White Lodge WTP PFAS Treatment**

The project involves construction of a permanent treatment system consisting of two bag filters and two pairs of 12-foot diameter pressure vessels containing ion exchange resin. The vessels will be housed in an addition to the existing White Lodge WTP. The intent of the proposed treatment system is to remove PFAS from the treatment plant effluent water, therefore, providing the DWWD with safe drinking water.

Franklin DW-24-96**Franklin Hayward St. WTP Improvements**

The Project involves treatment of iron and manganese in wells 1, 2, 2a, and 2b as well as PFAS treatment at the Hayward St Water Treatment Plant (WTP). A conceptual design for the treatment of PFAs for wells 1, 2, 2a and 2b, as well as future treatment of well 9, are included in the project scope.

Grafton Water District DW-24-90**East St. and Worcester St. PFAS Treatment Upgrades**

The project includes construction of two new water treatment plants: one at the Grafton Water District's East Street Water Treatment Plant and one at the Worcester Street Water Treatment Plant to remove Per- and Polyfluorinated Substances (PFAS) concentrations below 4 ppt. The new treatment system will include media adsorption for removal of these compounds.

Groton DW-24-80**Groton Water System Expansion**

The project includes construction of a new water main. PFAS has been detected in the drinking water at the Groton Dunstable Regional School District (PWSID#:2115010) and surrounding properties above the MassDEP PFAS6 MCL of 20 ppt. A new water main is proposed extending the Groton Water System (PWSID#:2115000) to service the area with clean potable water. The water main will be installed on Chicopee Row and North Street in Groton, and Kemp Street and Groton Street in Dunstable.

Middleborough DW-24-51**East Grove Street Water Treatment Plant**

The project involves construction of a permanent treatment system consisting of a two-stage process for treating iron in the first stage, followed by PFAS treatment in the second stage. The vessels will be housed in a new building to be constructed at the East Grove Street dug well site.

New Bedford DW-24-65**Lead Service Line Replacement Program - Phase III**

This project involves the removal and replacement of approximately 2,000 lead service lines (LSLs) throughout the City of New Bedford's water distribution system. The work will also include replacement of water mains where they are determined to be in poor condition or where many services are to be replaced along an older water main. It is anticipated that the project will remove all remaining lead services in the City's water distribution system.

Norwood DW-24-48**Bellevue Water Tanks Replacement**

The project includes replacement of the 4.0 MG standpipe and 0.5 MG elevated tanks that are beyond their useful life. The tanks will be replaced with (2) 1.5 MG composite elevated tanks. The new tanks will include mixers.

Plainville DW-24-64**Turnpike Lake PFAS Water Treatment Plant**

This project involves the construction of a new 1 MGD water treatment plant. GreensandPlus filters will be used to remove iron, manganese, and natural organic matter. GAC filters will be used to remove PFAS to a non-detectable level. Disinfection and oxidation will be achieved through chemical dosing designed to limit disinfection byproducts (DBPs). An underground storage tank will be installed for reclaimed GAC backwash. A lagoon may be constructed for sludge waste. Chemical analyzers will be used to monitor contaminant levels pre- and post-treatment.

Shrewsbury DW-24-72**Home Farm WTP PFAS Treatment Upgrades**

The project will expand treatment operations at the Home Farm Water Treatment Plant (WTP) and includes construction of a new building with PFAS treatment equipment for all of the Town's groundwater sources. The new building will include pressure vessels for PFAS treatment, and new aeration towers. The completed project will reduce PFAS concentrations in finished water, allow the Town to utilize the full permitted capacity of groundwater wells with higher PFAS concentrations, and reduce operation and maintenance costs related to pH adjustment and VOC removal. The new treatment equipment will match the 7.0 million gallon per day (mgd) treatment capacity of the existing WTP.

South Grafton Water District DW-24-88**PFAS Treatment Plant for Wells #2 and #3**

The project is to construct a permanent PFAS filtration plant next to Well #3 that will be sized to treat the combined flows from both wells of approximately 700 gpm. The plant will be a metal building with slab on grade and perimeter frost footings approximately 32' by 45' and operate as a pump through station with filters operating in lead lag configuration.

Stoughton DW-24-91**Pratts Court WTP Improvements**

The project is to upgrade the existing Pratts Court WTP by installing new well pumps, slip lining the original well, yard piping to connect new wells, replacing filter media in 3 pressure filters, demolishing 1 pressure filter, installation of 2 GAC pressure vessels, creating a roof penthouse, relocating the potassium hydroxide system, installing a new permanganate feed system, and all associated piping, equipment, electrical, and controls.

Uxbridge DW-24-52**Blackstone Water Treatment Plant**

The project includes construction of a new 1.2 MGD water treatment plant at the Town of Uxbridge's Blackstone well site to remove high concentrations of manganese and PFAS. The new treatment system will include filtration for iron and manganese removal followed by media adsorption for removal of PFAS compounds. Additional upgrades include new chemical treatment systems, piping, and other utilities at the site. Construction of this treatment plant allows the Town to return an offline well to service and reduces the need to limit production capacity by blending of the remaining wells.

West Bridgewater DW-24-95**Cyr Street and Norman Avenue Fe/Mn Treatment**

The project consists of modifications at the treatment facility for Cyr Street and Norman Avenue Wells. The project will ensure that the drinking water will comply with MassDEP's SMCL for iron and manganese and provide clean water for the residents of West Bridgewater.

Westford DW-24-60**Forge Village & Nutting Road PFAS Treatment Upgrades**

The project consists of the construction of two water treatment plants for PFAS treatment at the town's Forge Village and Nutting Road treatment sites. The new treatment systems will include media adsorption for the removal of PFAS compounds following existing iron and manganese filtration. Construction of these treatment plants will allow the town to return the currently offline Country Road Well back to service.

Woburn DW-24-93**Horn Pond Water Treatment Plant PFAS Removal**

The Project includes the addition of granular activated carbon (GAC) treatment for removal of six perfluoroalkyl substances (PFAS6) at the existing 4 million gallon per day (MGD) Horn Pond Water Treatment Plant (WTP). This GAC treatment is the MassDEP-approved Long Term Corrective Action Plan (LTCAP) to address two exceedances of the PFAS6 Maximum Contaminant Level (MCL). The GAC treatment will be installed following the existing manganese removal filters. The project also includes SCADA system and Cybersecurity upgrades to the original controls system installed in 2002, as well as replacement of the groundwater supply well pumps and motors, and replacement of the manganese removal filter media.

Clean Water Agreements**Holyoke CWP-23-51****River Terrace Sewer Separation Project - Phase 1**

The Project consists of the separation of combined sewers in the River Terrace Basin (CSO-21) to eliminate combined sewer overflows discharging to the Connecticut River from CSO-21 outfall. Work includes construction of 12,000-feet of new sanitary sewers and storm drains, and 10,000-feet of existing sewer lining. This project will result in a significant improvement in the water quality of the Connecticut River downstream of CSO-21 outfall. The project is consistent with the City's CSO Long-Term Control Plan and is being required by a Partial Consent Decree issued by the U.S. Department of Justice.

Shrewsbury CW-23-22**Rolfe & Maple Ave PS Upgrade and FM Replacement**

The Project involves the upgrade of Rolfe Avenue and Maple Avenue Pump Stations and Force Main Replacement. The purpose of these improvements is to restore useful life of the stations and force main, improve operator safety, and improve system reliability.

Somerset CWP-23-31**Somerset Wastewater Pump Station Upgrades**

The Project consists of upgrades to five wastewater pump stations in Somerset. These stations were built in the 1960's and 1970's and are past their useful service life. Upgrades to these facilities, highlighted in the Town's CWMP, include but are not limited to, replacement and installation of submersible pumps, repairs to wet well sections, new valve vaults, new force main bypass pump/pig launch connection, new concrete pads with NEMA 12 steel enclosure for pump controls, new electrical equipment, generator, generator fuel tanks, quick connects, new level and instrumentation equipment, new ventilation and odor control, and connection of pump station monitoring and alarm signals to the Town's remote alarm network.

Drinking Water Agreements**Boston Water and Sewer Commission DWLC-22-50****Elimination of Lead Water Services in Boston**

The Boston Water and Sewer Commission seeks to eliminate lead water services in both the public way and private property. The Commission has an ongoing lead water service replacement program which was initiated in response to the exceedance of the lead action level in 2020.

Groton DWEC-24-80**Groton Water System Expansion**

The project includes construction of a new water main. PFAS has been detected in the drinking water at the Groton Dunstable Regional School District (PWSID#:2115010) and surrounding properties above the MassDEP PFAS6 MCL of 20 ppt. A new water main is proposed extending the Groton Water System (PWSID#:2115000) to service the area with clean potable water. The water main will be installed on Chicopee Row and North Street in Groton, and Kemp Street and Groton Street in Dunstable.

Millis DWPEC-24-42**Village Street Water Treatment Plant PFAS Upgrades**

The project includes construction of a PFAS treatment facility at Well 3 to remove PFAS and restore 0.75 MGD of critical capacity to the system. The proposed system includes granular activated carbon (GAC) filters, as well as associated process and site improvements required for the proper installation and operation of the system.

Woburn DWPEC-23-116**Horn Pond Water Treatment Plant PFAS Removal**

The Project includes the addition of granular activated carbon (GAC) treatment for removal of six perfluoroalkyl substances (PFAS6) at the existing 4 million gallon per day (MGD) Horn Pond Water Treatment Plant (WTP). This GAC treatment is the MassDEP-approved Long Term Corrective Action Plan (LTCAP) to address two exceedances of the PFAS6 Maximum Contaminant Level (MCL). The GAC treatment will be installed following the existing manganese removal filters. The project also includes SCADA system and Cybersecurity upgrades to the original controls system installed in 2002, as well as replacement of the groundwater supply well pumps and motors, and replacement of the manganese removal filter media.

Woburn DWPEC-24-93**Horn Pond Water Treatment Plant PFAS Removal**

The Project includes the addition of granular activated carbon (GAC) treatment for removal of six perfluoroalkyl substances (PFAS6) at the existing 4 million gallon per day (MGD) Horn Pond Water Treatment Plant (WTP). This GAC treatment is the MassDEP-approved Long Term Corrective Action Plan (LTCAP) to address two exceedances of the PFAS6 Maximum Contaminant Level (MCL). The GAC treatment will be installed following the existing manganese removal filters. The project also includes SCADA system and Cybersecurity upgrades to the original controls system installed in 2002, as well as replacement of the groundwater supply well pumps and motors, and replacement of the manganese removal filter media.



Item #14 (*No Reference Documents*)