

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

June 12, 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 May 1, 2024.

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

Item #3 **MOTION- VOTE REQUESTED**

That as an Interim budget for the fiscal year beginning July 1, 2024

1. The Massachusetts Clean Water Trust may expend 1/12 of the amount authorized for the fiscal year 2024 budget from the Administrative Fund for the administration of the programs of the Trust during the interim period between July 1, 2024 and July 31, 2024; and
2. The Massachusetts Clean Water Trust may transfer to the Department of Environmental Protection up to an amount equal to 1/12 of the fiscal year 2024 budget for the Department approved by the Trust, from the Clean Water State Revolving Fund and the Drinking Water State Revolving Fund, for the administration of the State Revolving Fund programs during the interim period between July 1, 2024 and July 31, 2024.

Item #4 **MOTION- VOTE REQUESTED**

Approval of Asset Management Program Grant Commitment and Grant Agreement

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
CWA-24-06	Athol	\$106,800

Item #5 **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-24-20	Leominster	\$253,000
DWL-24-21	Plainville	\$350,925
DWL-24-22	Randolph	\$288,335

Item #6	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of Community Septic Management Program Commitment</i>			
	<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
	CW-24-05	Easton	\$500,000	2%
Item #7	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of Drinking Water Commitment</i>			
	<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
	DW-24-24	Townsend	\$6,016,000	0% ¹
Item #8	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of Community Septic Management Program Loan and Financing Agreement</i>			
	<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
	CWT-24-05	Easton	\$500,000	2%
Item #9	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of the Clean Water Loans and Financing Agreements</i>			
	<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
	CWP-23-52	Lowell	\$25,084,277	1.5% ²
	CWP-23-52-A	Lowell	\$2,759,000	1.5% ²
	CWP-23-27	Mashpee	\$5,400,000	0% ³
	CWP-18-12-B	Pittsfield	\$2,660,000 ⁴	0% ³
	CWP-18-12-D	Pittsfield	\$948,975 ⁵	0% ³
Item #10	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of the Drinking Water Loans and Financing Agreements</i>			
	<u>PRA No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
	DWEC-23-107	Chatham	\$15,000,000	0% ¹
	DWP-22-49	East Brookfield	\$8,177,108 ⁶	2%
	DWPEC-24-24	Townsend	\$6,016,000	0% ¹
	DWEC-23-129	Westborough	\$8,188,783	0% ¹
Item #11	<u>MOTION- VOTE REQUESTED</u>			
	<i>Approval of School Water Improvement Grants</i>			
	<u>Grant No.</u>	<u>Grantee</u>	<u>Grant Amount</u>	
	SWIG-24-20	Abundant Life Christian School and Learning Center	\$9,000	
	SWIG-24-21	On N On Community Child Care	\$3,000	
	SWIG-24-22	Meridian Academy	\$3,000	

¹ PFAS Remediation Loan

² Housing Choice Loan

³ Nutrient Enrichment Reduction Loan

⁴ First Revision. Previous PRA amount was \$3,100,000.

⁵ First Revision. Previous PRA amount was \$508,975.

⁶ First Revision. Previous PRA amount was \$7,869,027.

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, June 12, 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 May 1, 2024

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

May 1, 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, Deputy Director, MCWT
My Tran, Treasurer, MCWT
William Kalivas, Treasury Specialist, MCWT
Sally Peacock, Controller, MCWT
Nicole Munchbach, Assistant Controller, MCWT
Pam Booker, Accountant, MCWT
Sunkarie Konteh, Accountant, MCWT
Josh Derouen, Senior Program Associate, MCWT
Kailyn Fellmeth, Program Associate, MCWT
Rachel Stanton, Investor Relations and Communications Graphic Designer, MCWT
Jonathan Maple, Senior Policy Analyst, MCWT
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 April 3, 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 April 3, 2024.

Item #2

REPORT OF THE EXECUTIVE COMMITTEE

Bond Redemptions

Ms. Perez stated that the Trust has completed the bond redemptions that were approved at the March 6, 2024 Board meeting. Two guaranteed investment contracts were terminated and another, which has a breakage fee associated with it, is in progress. Cash defeasance will be completed by the end of the fiscal year.

Annual Borrower Presentation

Ms. Perez stated that the Trust and MassDEP are working together to prepare for the upcoming annual borrower presentation.

Audit Fraud Prevention

Ms. Perez noted that the Trust's auditors will be reaching out to Mr. MacDonald and Ms. Pinaud as part of the auditing process.

Fiscal Year (FY) 2024 Disbursements

Ms. Perez stated that over \$400 million in funds have been disbursed to date in FY2024, compared to the 5-year average of \$284 million. The increase can be attributed to the American Rescue Plan Act and other federal funds.

Lead Service Line (LSL) Planning Grants

Ms. Perez said that including the grants up for vote today, 139 LSL planning grants have been issued, totaling approximately \$33 million.

Item #3

MOTION- VOTE

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

Ms. Perez stated that three submissions were received in response to the request for Financial Advisor Services. The firms, which are Masterson Advisors, Omnicap Group, and PFM, demonstrated knowledge of State Revolving Funds, bond pricing, and financial advisory experience. As such, the three firms were recommended for the prequalified list.

The motion was voted unanimously in favor of acceptance and approval of the following:

Engagement of Financial Advisor Services Consultants

1. That the recommendation of the Procurement Management Team, established pursuant to the Trust's Request for Qualifications: Pre-Qualification for Financial Advisor Services dated March 1, 2024 ("the FA-RFQ"), is approved.
2. The Board hereby delegates authority to the Executive Director to negotiate, reach agreement, and execute a contract or contracts with the selected financial advisor services consultants in accordance with the FA-RFQ, and to take all such further actions necessary to finalize the engagement of said consultants.

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 Lead Service Line Planning Program Grant Commitments and Grant Agreements

<u>PRA No.</u>	<u>Recipient</u>	<u>Amount</u>
DWL-24-16	Boylston Water District	\$75,000
DWL-22-54	Brockton	\$640,000 ¹
DWL-24-19	Canton	\$385,080
DWL-22-12	Fall River	\$1,150,000 ²
DWL-22-60	Hamilton	\$241,800 ³
DWL-24-18	Hingham	\$475,036
DWL-24-06	Lowell	\$123,300
DWL-24-17	North Attleborough	\$531,000
DWL-23-64	Southwick	\$231,300 ⁴
DWL-24-07	Wellesley College	\$16,400

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 Community Septic Management Program Commitment

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-24-04	Hanson	\$500,000	2%

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 Clean Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CW-22-06	MWRA	\$6,890,572 ⁵	2%
CW-22-08	MWRA	\$41,114,486 ⁶	2%
CW-22-09	MWRA	\$1,994,942 ⁷	2%
CW-23-61	MWRA	\$2,000,000 ⁸	2%
CW-24-03	Revere	\$3,000,000	1.5% ⁹

¹ Second Revision. Previous Grant Amount was \$576,800.

² First Revision. Previous Grant Amount was \$750,000.

³ Second Revision. Previous Grant Amount was \$100,000.

⁴ First Revision. Previous Grant Amount was \$216,300.

⁵ First Revision. Previous PAC amount was \$2,565,399.

⁶ First Revision. Previous PAC amount was \$1,000,000.

⁷ Second Revision. Previous PAC amount was \$1,570,000.

⁸ First Revision. Previous PAC amount was \$1,000,000.

⁹ Housing Choice Loan

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 Drinking Water Commitments

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
DW-23-134	Aquarion Water Company- Millbury	\$3,195,803	2%
DW-23-144	Aquarion Water Company- Oxford	\$3,028,000	2%
DW-22-37	MWRA	\$9,610,474 ¹⁰	2%
DW-23-142	MWRA	\$13,421,178 ¹¹	2%

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 Community Septic Management Program Loan and Financing Agreement

<u>PAC No.</u>	<u>Borrower</u>	<u>Amount</u>	<u>Interest Rate</u>
CWT-24-04	Hanson	\$500,000	2%

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-22-06	MWRA	\$6,890,572 ¹²	2%
CW-22-08	MWRA	\$41,114,486 ¹³	2%
CW-22-09	MWRA	\$1,994,942 ¹⁴	2%
CW-23-61	MWRA	\$2,000,000 ¹⁵	2%

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>
DW-22-37	MWRA	\$9,610,474 ¹⁶	2%
DW-23-142	MWRA	\$13,421,178 ¹⁷	2%

¹⁰ First Revision. Previous PAC amount was \$6,000,000.

¹¹ First Revision. Previous PAC amount was \$1,000,000.

¹² First Revision. Previous PRA amount was \$2,565,399.

¹³ First Revision. Previous PRA amount was \$1,000,000.

¹⁴ First Revision. Previous PRA amount was \$1,570,000.

¹⁵ First Revision. Previous PRA amount was \$1,000,000.

¹⁶ First Revision. Previous PRA amount was \$6,000,000.

¹⁷ First Revision. Previous PRA amount was \$1,000,000.

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-24-15	Academy Preschool	\$6,000
SWIG-24-16	Applewild School Inc	\$12,000
SWIG-24-17	Holy Family Academy	\$6,000
SWIG-24-18	Melrose Day Care Center Inc	\$3,000
SWIG-24-19	Suzy's School Inc	\$3,000

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:

Authorization of Loan Forgiveness for 2022 Projects

That the Board hereby approves principal forgiveness for Loans to the Borrowers, for the 2022 Clean Water Projects and 2022 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 1:37 p.m.

LIST OF DOCUMENTS AND EXHIBITS USED:

1. Minutes, April 3, 2024
2. Project Descriptions
3. Engagement of Financial Advisor Services Consultants Memorandum
4. 2022 Loan Forgiveness Schedules for Clean Water and Drinking Water Amounts

***Location: Remote:** Notice is hereby given that the Wednesday, May 1, 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.



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



Items #4 through #10 *Project Descriptions*

Project Descriptions for June 12, 2024

Board of Trustees Meeting

Asset Management Planning Commitment and Agreement

Athol CWA-24-06

Stormwater GIS Asset Management

This project includes field investigation to locate and better understand stormwater pipe connections as part of an asset inventory and to identify potential stormwater improvement projects. To facilitate the development of this inventory, an ArcGIS Online (AGOL) account will be created, and existing GIS databases will move to AGOL. Service cards and record drawings will be linked to the appropriate assets, including pipes found in the field investigations.

Lead Service Line Planning Program Commitments and Agreements

Leominster DWL-24-20

Service Line Inventories and LSL Replacement Plan

Drinking Water Lead Service Line Inventories and LSL Replacement Plans

Plainville DWL-24-21

Service Line Inventory & LSL Replacement Plan

Drinking Water Service Line Inventories and LSL Replacement Plans

Randolph DWL-24-22

Service Line Inventory & LSL Removal Plans

The purpose of this project is to conduct a survey of all service materials used throughout Randolph's water system and identify areas of the system that predate the 1986 SDWA ban to determine the lead or galvanized service lines that require replacement. The work will include reviewing GIS data, water main installation drawings, and capital and master plans, as well as record and tie cards, installation/maintenance and meter installation records, and other documentation regarding materials of the existing services within the system. This information will be digitized and provided in a PDF format. A spreadsheet will be created documenting service address information, and we will use MassDEP's inventory template as well as complete mapping improvements that are needed. A GIS map will be created showing each water service, and incorporate the spreadsheet information into the GIS mapping, that can be shared publicly. A technical memorandum will be provided as well as a replacement plan for these services based upon the inventory. The LSL inventory will be submitted to DEP prior to the October 16, 2024, deadline.

Community Septic Management Program Commitment

Easton CW-24-05

Community Septic Management Program

Drinking Water Commitment

Townsend DW-24-24

PFAS Water Treatment Improvements

The Town of Townsend seeks the construction of a new Water Treatment Plant and raw water transmission main to treat PFAS-contaminated water.

Community Septic Management Agreement

Easton CWT-24-05

Community Septic Management Program

Clean Water Agreements

Lowell CWP-23-52

Duck Island WWTF Phase 3 Upgrade

The Project includes important upgrades to Lowell Duck Island Wastewater Treatment Facility including: chemical addition facilities to meet the pending effluent phosphorus limit of 1.08 mg/l outlined in the most recent NPDES Permit; new centrifuge dewatering facilities and upgrades of ancillary facilities for sludge pumping, blending, and polymer feed; new scum well pumping, mixings, and dewatering equipment; replacement of aeration diffusers and piping in the aeration basins; replacement of the primary sludge de-gritting system; replacement of the gravity thickener mechanism; new bisulfite storage and feed facility; and, a second standby generator to allow full WWTF Operations during a power outage.

Lowell CWP-23-52-A

Duck Island WWTF Phase 3 Upgrade

The Project includes important upgrades to Lowell Duck Island Wastewater Treatment Facility including: chemical addition facilities to meet the pending effluent phosphorus limit of 1.08 mg/l outlined in the most recent NPDES Permit; new centrifuge dewatering facilities and upgrades of ancillary facilities for sludge pumping, blending, and polymer feed; new scum well pumping, mixings, and dewatering equipment; replacement of aeration diffusers and piping in the aeration basins; replacement of the primary sludge de-gritting system; replacement of the gravity thickener mechanism; new bisulfite storage and feed facility; and, a second standby generator to allow full WWTF Operations during a power outage.

Mashpee CWP-23-27

Phase 1 Mashpee Treatment and Collection System

The Project consists of construction of a new collection system as recommended by the state approved 2015 Mashpee Watershed Nitrogen Management Plan to address nitrogen impacts to the Mashpee River watershed and the Pomponesett Bay. The collection system will convey flow to the Mashpee Water Resource Recovery Facility.

Pittsfield CWP-18-12-B**Wastewater Treatment Plant Nutrient Removal**

This project is to upgrade the WWTP to achieve compliance with NPDES permit limits and an AO (CWA-01-15-014) issued by the EPA. The project will optimize the nitrogen removal process and result in reductions of phosphorus and aluminum discharges to the Upper Housatonic River Area of Critical Environmental Concern and remediate documented nutrient enrichment in the downstream Wood's Pond impoundment. Four major component projects are necessary to achieve compliance: Tertiary Treatment Upgrade, Sludge Dewatering Upgrade, Nitrogen Removal Upgrade (Phase I) and Secondary Clarifiers Upgrade. The project components are consistent with the plant needs and energy efficiency improvements identified in the recently updated WWTP Facilities Plan.

Pittsfield CWP-18-12-D**Wastewater Treatment Plant Nutrient Removal**

This project is to upgrade the WWTP to achieve compliance with NPDES permit limits and an AO (CWA-01-15-014) issued by the EPA. The project will optimize the nitrogen removal process and result in reductions of phosphorus and aluminum discharges to the Upper Housatonic River Area of Critical Environmental Concern and remediate documented nutrient enrichment in the downstream Wood's Pond impoundment. Four major component projects are necessary to achieve compliance: Tertiary Treatment Upgrade, Sludge Dewatering Upgrade, Nitrogen Removal Upgrade (Phase I) and Secondary Clarifiers Upgrade. The project components are consistent with the plant needs and energy efficiency improvements identified in the recently updated WWTP Facilities Plan.

Drinking Water Agreements**Chatham DWEC-23-107****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.

East Brookfield DWP-22-49**Water Storage Improvements**

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

Townsend DWPEC-24-24**PFAS Water Treatment Improvements**

The Town of Townsend seeks the construction of a new Water Treatment Plant and raw water transmission main to treat PFAS-contaminated water.

Westborough DWEC-23-129**Oak Street WTP PFAS Improvements**

The Project includes the construction of a treatment process at the Oak Street Water Treatment Plant (WTP) for the removal of elevated concentrations of perfluoroalkyl substances (PFAS) from two groundwater wells, one of which is above the Massachusetts Maximum Contaminant Limit. The treatment process will consist of two trains of two, twelve-foot diameter pressure vessels in lead/lag configuration, each filled with 20,000 pounds of granular activated carbon (GAC). Based on rapid small scale column testing, GAC will remove PFAS for an extended period to non-detectable concentrations of PFAS. The treatment process will be installed in an extension to the existing Oak Street WTP and involve other minor upgrades to the existing facility.



Item #11 (*No Reference Documents*)