



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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Final 2024 INTENDED USE PLAN For the CLEAN WATER STATE REVOLVING FUND March 26, 2024



This information is available in alternate format. Please contact Melixza Esenyie at 617-626-1282.
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EXECUTIVE SUMMARY

The Massachusetts Department of Environmental Protection (MassDEP) is pleased to present the Final Calendar Year 2024 Intended Use Plan (IUP). The IUP details the projects, borrowers, grant recipients, and amounts being offered for financing through the Clean Water State Revolving Fund (CWSRF) program. The CWSRF is a joint federal-state financing program that provides subsidized loans and grants to improve and protect water quality and public health in the Commonwealth.

The Massachusetts Clean Water Trust (Trust) is offering \$932 million to finance wastewater projects across the Commonwealth. As noted in Table 1, approximately \$818 million is being offered to finance 45 new construction projects, and \$92 million is being offered to finance 5 previously approved multi-year projects. Additionally, \$3 million is allocated to the emergency set-aside account, and an additional \$2 million are allocated to fund emergency PFAS or other emerging contaminants remediation projects to mitigate releases to the environment that are impacting drinking water sources, \$5 million is directed to the Community Septic Management Program (CSMP) to remediate failed septic systems in participating communities, and \$13 million is set aside to finance planning projects in calendar year 2024. To encourage communities and public utilities to engage in planning activities, MassDEP is accepting [planning loan applications](#) on a rolling basis while funding is available.

The Trust and MassDEP recognize the value of Asset Management Planning (AMP) to the long-term demand for water infrastructure financing. AMPs help water utility managers make informed decisions regarding the timing and location for asset repairs, replacements, or rehabilitation. AMPs also help develop a long-term funding strategy. In this manner, the utility can ensure its ability to deliver the required level of service perpetually. The Trust is offering grants to communities interested in developing AMPs for one or more of their water utilities. In calendar year 2024, forty-nine project proposals, estimated at approximately \$11.8 million, as shown in Table 2, are being offered grants totaling approximately \$6.4 million. Water utilities will receive 60% of the project cost, up to \$150,000, as a grant from the Massachusetts Clean Water Trust. The remaining costs may be funded by local contributions of cash, or a combination of cash and in-kind services. All or part of the local contribution may be financed by a loan from the Trust at the standard 2% interest rate for a term of up to five years.

2024 Highlights

- On November 15, 2021, President Biden signed the Bipartisan Infrastructure Law (BIL) that provides two new federal grants through the CWSRF:
 - Supplemental CWSRF Grant
 - Emerging Contaminants Grant

These grants are being provided annually in 2022 and will continue through 2026. For fiscal year 2024, Massachusetts expects to receive \$77.99 million for the Supplemental CWSRF Grant and \$7.29 million for the CWSRF Emerging Contaminants Grant. The Supplemental CWSRF Grant requires that Massachusetts provide \$38.22 million, 49% of the total grant

amount as loan forgiveness to Disadvantaged Communities. The CWSRF Emerging Contaminant Grant requires that the entire grant amount \$7.29 million be provided as loan forgiveness for any eligible project.

Using supplemental funds, Massachusetts anticipates being able to offer additional loan forgiveness for eligible projects on the 2024 IUP. The additional loan forgiveness is anticipated to be consistently applied to the IUPs covered under these new BIL federal grants subject to funds availability. Refer to Section A of this IUP for more details. MassDEP, in consultation with the Trust, may amend this IUP as necessary given that the USEPA continues to issue guidance to states on the implementation of the expanded SRF program. The increased capacity in the 2024 IUP is evidence of the additional BIL funding being utilized in Massachusetts. The SRF program looks forward to financing more projects at a lower cost to communities throughout Massachusetts.

Some of the key provisions of BIL include amendments to the Clean Water Act (CWSRF Program):

- **American Iron and Steel (AIS)** – The AIS procurement requirement is permanent for CWSRF treatment works projects going forward.
- **Build America, Buy America (BABA) Act** – With the inclusion of the BABA Act, BIL expands domestic sourcing requirements for CWSRF treatment works projects that are funded with federal capitalization grants. Additionally, per the USEPA, projects being co-funded by an SRF loan and a Congressionally Directed Spending grant are required to comply with the BABA Act. Therefore, starting on **May 14, 2022**, all steel, iron, manufactured products, non-ferrous metals, plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, and drywall used in infrastructure projects for federal financial assistance programs must be produced in the United States, unless (i) the SRF borrower has requested and obtained a waiver from the USEPA pertaining to the Project or the Project is otherwise covered by a general applicability waiver; or (ii) the MassDEP has otherwise advised the borrower in writing that the BABA requirement is not applicable to the project; notification will be given prior to granting permission to advertise. The Made in America Office at the Office of Management and Budget (OMB) has developed initial overarching implementation guidance: <https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf>. Additionally, the USEPA issued an adjustment period waiver for projects that initiated planning design prior to May 14, 2022, a small project applicability waiver for projects with SRF loans of \$250,000 or less, and a De Minimis waiver: <https://www.epa.gov/cwsrf/build-america-buy-america-baba-approved-waivers>. The USEPA issued BABA Implementation Procedures for its Office of Water Federal Financial Assistance Programs which includes both CWSRF and DWSRF programs on November 3, 2022, for details visit: <https://www.epa.gov/system/files/documents/2022-11/OW-BABA-Implementation-Procedures-Final-November-2022.pdf>. Furthermore, on November 13, 2023, the USEPA issued the Amended Public Interest Waiver for SRF projects that initiated design prior to May 14, 2022, for details visit: <https://www.epa.gov/system/files/documents/2023-11/epa-amend-srf-design-planning-waiver.pdf>.

- BIL establishes an additional subsidy range of 10% to 30% for the annual CWSRF Base Grant. While Congress also requires that states use 10% of the annual CWSRF Capitalization Grant for additional subsidy, Massachusetts expects a Base Grant award of approximately \$25.5 million in 2024. Additional subsidy will be provided in the form of loan forgiveness for communities that might otherwise be unable to afford to undertake a project. MassDEP and the Trust will continue to provide loan forgiveness as a fixed percentage of principal. Further details may be found in Section A of this IUP. Information about the Trust's Annual Affordability Calculation may be found on the following webpage: [https://www.mass.gov/info-details/the-disadvantaged-community-program#disadvantaged-community-designation-\(affordability-calculation\)-and-loan-forgiveness-distribution-](https://www.mass.gov/info-details/the-disadvantaged-community-program#disadvantaged-community-designation-(affordability-calculation)-and-loan-forgiveness-distribution-) .
- The Trust is offering loan forgiveness for projects with a renewable energy component regardless of Disadvantaged Community status.
- To better address specific state priorities, Section 302 of the 1996 Safe Drinking Water Act Amendments, allow states the flexibility to move funds between the CWSRF and the Drinking Water State Revolving Fund (DWSRF) programs. Massachusetts will transfer funds from the CWSRF to the DWSRF program in the amount of \$3.5 million (33% of the anticipated 2024 DWSRF base grant amount of \$10.6 million). BIL allows states the flexibility to move funds between the CWSRF and the DWSRF programs. Massachusetts will transfer funds from the CWSRF supplemental grant in the amount of \$16.28 million representing 33% of the 2024 DWSRF supplemental grant amount of \$49.35 million. Due to great demand for PFAS remediation in drinking water projects, Massachusetts will transfer \$5.29 million of CWSRF Emerging Contaminant supplemental funds to the DWSRF Emerging Contaminant program representing nearly 33% of the DWSRF Emerging Contaminant grant amount. This transfer will not adversely impact the CWSRF project financing in this IUP. Furthermore, Massachusetts reserves authority of future transfers of supplemental BIL funds.
- To encourage communities and public utilities to engage in planning activities, MassDEP is accepting planning loan applications on a rolling basis, while funding is available.

MassDEP appreciates the efforts that all project proponents have invested in the development of project proposals and recognizes their intent to enhance and protect the quality of waters of the Commonwealth.

TABLE 1
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2024 CWSRF Intended Use Plan

NEW PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
553	BARNSTABLE (PF)(SG)	16677	Nitrogen Removal Improv. & New Headworks Facility	\$155,265,000	\$30,000,000
548	NEW BEDFORD (PF)#	16872	Wastewater Pumping Station Improvements	\$13,485,000	\$13,485,000
547	BARNSTABLE (H)(PF)	16683	Route 28 West Sewer Expansion Project	\$59,650,000	\$10,000,000
547	ROCKLAND (PF)(BG)	16871	Wastewater Treatment Facility Upgrades	\$21,500,000	\$21,500,000
544	NEW BEDFORD (PF)#	16873	Wastewater Collection System Improvements	\$74,965,000	\$17,515,000
543	BILLERICA (H)(PF)#	16802	Infiltration/Inflow Rehabilitation Project	\$1,586,500	\$1,586,500
542	NANTUCKET (H)#	16693	Phase 2 Surfside WWTF Improvements	\$13,118,000	\$13,118,000
541	HARWICH (PF)	16674	Harwich Route 28 Sewer Project	\$6,500,000	\$6,500,000
540	FALL RIVER (PF)#	16727	Stafford Square Flood Mitigation	\$29,385,400	\$25,720,000
540	HAVERHILL (PF)#	16876	Haverhill Locke Street Phase 1	\$8,894,300	\$8,894,300
540	MASHPEE (PF)(BG)	16791	Phase 2 Mashpee Treatment and Collection System	\$80,000,000	\$50,000,000
540	REVERE (H)(PF)#	16729	Phase 15 Construction - I/I, IDDE, P.S. & Drainage	\$12,000,000	\$12,000,000
540	FALL RIVER (PF)#	16710	Mothers Brook Sewer Replacement	\$24,280,000	\$24,280,000
540	HAVERHILL (PF)#	16691	Locke Street Sewer Separation - Phase 2	\$14,040,000	\$14,040,000
540	BARNSTABLE (H)(PF)	16754	Phinney's Lane Neighborhoods Sewer Expansion	\$38,766,000	\$10,000,000
539	SAUGUS (PF)#	16762	Comprehensive Sewer System Rehabilitation - 2	\$2,480,495	\$2,480,495
539	GLOUCESTER (H)(PF)(SG)	16775	WPCF Secondary Treatment and Facility Upgrades	\$205,972,280	\$50,000,000
538	ACUSHNET (PF)	16709	CWMP Needs Area 2 Sewer Extension	\$15,000,000	\$15,000,000
538	LOWELL (H)(PF)#(SG)	16760	Phase 1 Humphrey's Brook Area CSO Separation	\$23,000,000	\$23,000,000
537	SANDWICH (PF)	16718	Sandwich High School WWTF Upgrades	\$9,100,000	\$9,100,000
536	EASTON (H)	16851	Five Corners Needs Area - Secondary Pump Station	\$3,955,000	\$3,955,000
536	HAVERHILL (PF)#	16711	Sewer System Improvements - CIPP Lining	\$2,345,000	\$2,345,000
536	LAWRENCE (H)(PF)#	16712	Sewer and Drainage Improvements/ Contract 7	\$9,251,000	\$9,251,000
535	QUINCY (H)(PF)#	16753	FY25 Sewer & Drain Improvements	\$7,000,000	\$7,000,000
535	HAVERHILL (PF)	16761	WWTF and South Mill Street Pump Station Upgrades	\$54,710,000	\$14,594,200
534	DENNIS (PF)	16676	Phase 1 - WRRF and Collection System	\$188,600,000	\$50,000,000
532	BILLERICA (H)(PF)	16724	Sewer Contract 38	\$25,525,500	\$25,525,500
532	FALMOUTH (PF)	16728	Falmouth TASA Phase 1 Collection and Recharge	\$41,300,000	\$41,300,000
532	NEWTON (H)	16829	PCP Structural Stormwater Control Implementation	\$20,127,081	\$20,127,081

531 NAHANT	16706 Sewer Collection System Repair & Replacement 2024	\$24,471,000	\$24,471,000
531 NORTH READING (H)	16801 North Reading Wastewater Collection System	\$113,600,000	\$50,000,000
530 WESTPORT (PF)	16704 Route 6 Phase 1A Sewer	\$7,509,017	\$7,509,017
528 SWANSEA (PF)	16705 Route 6 Corridor Sewer Collection System	\$57,109,938	\$57,109,938
526 BROCKTON (H)(PF)	16743 Sewer System Rehabilitation Phase 4	\$2,500,000	\$2,500,000
526 WELLFLEET (H)	16854 95 Lawrence Wastewater Treatment and Collection	\$6,309,000	\$6,309,000
524 QUINCY (H)(PF)	16779 Wollaston Stormwater Capacity Improvements Phase 1	\$5,250,000	\$5,250,000
523 BOSTON WATER AND SEWER COMMISSION (H)#	16690 East Boston Sewer Separation Phase IV	\$143,936,993	\$50,000,000
448 NEW BEDFORD (PF)	16864 WWTP Improvements	\$19,000,000	\$19,000,000
437 PROVINCETOWN (H)#	16758 I-I and Sewer Redirects	\$974,000	\$974,000
437 MARION	16785 Creek Road Pump Station Resiliency Improvements	\$3,350,000	\$3,350,000
434 PROVINCETOWN (H)	16703 Provincetown Phase 6B Collection System Expansion	\$32,988,700	\$32,988,700
434 HAVERHILL (PF)	16799 Closure of Northern Mound of Haverhill Landfill	\$10,126,500	\$10,126,500
433 PROVINCETOWN (H)	16716 Jerome Smith Pump Station	\$848,000	\$848,000
433 BILLERICA (H)(PF)	16868 Brown Street Force Main Rehabilitation/Replacement	\$14,655,198	\$14,655,198
423 WELLFLEET (H)	16780 Wellfleet Enhanced I&A Septic System Program	\$448,800	\$448,800
TOTAL OF NEW PROJECTS		\$1,604,878,702	\$817,857,229

(Count: 45)

(Average Rating: 518.71)

(BG) - Base Capitalization Grant

(D) - Dropped by Applicant

(H) - Housing Choice Communities

(PF) - Affordability Criteria

(RE) - Potential Renewable Energy Projects

(SG) - BIL CWSRF General Supplemental Grant

- Projects contains Energy Efficiency, Renewable Energy and/or meets EPA's definition of a Green Project (<https://www.epa.gov/greeningepa/energy-and-emissions-epa>)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
LYNN WATER AND SEWER COMMISSION (PF)(H)	7024	West Lynn Sewer Separation - Phases 3, 4, & 5	\$68,833,914	\$20,087,122
MASSACHUSETTS WATER RESOURCES AUTHORITY	6822	DITP Clarifier #2	\$289,359,690	\$1,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	4150	DITP Asset Protection Phase 3	\$66,500,000	\$1,000,000
WAREHAM (PF)	12430	WPCF Improvements - Phase 2	\$36,450,000	\$20,450,000
YARMOUTH (PF)	8349	Phase I - WRRF and Collection System	\$207,244,000	\$50,000,000

TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS **\$668,387,604** **\$92,537,122**

(Count: 5)

MassDEP PRIORITY PROJECTS

Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
COMMUNITY SEPTIC MANAGEMENT	3850	Community Septic Management Program	\$5,000,000	\$5,000,000
EMERGENCY PFAS REMEDIATION SET-ASIDE	18911		\$2,000,000	\$2,000,000
EMERGENCY SRF SET-ASIDE	2977		\$3,000,000	\$3,000,000
PLANNING SRF SET-ASIDE	13575		\$13,000,000	\$13,000,000

TOTAL OF MassDEP PRIORITY PROJECTS **\$23,000,000** **\$23,000,000**

(Count: 4)

TOTAL OF INTENDED USE PLAN **\$2,296,266,306** **\$933,394,351**

TABLE 2
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2024 CWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	Grant Amount	Loan Amount
96 *	HUNTINGTON	16850	Huntington Water and Sewer Asset Management	\$149,625	\$89,775	
95	UPPER BLACKSTONE CLEAN WATER	16773	Upper Blackstone Clean Water Asset Management Plan	\$250,000	\$150,000	
92	HOPEDALE	16776	Hopedale Water & Sewer Asset Management Plan	\$250,000	\$150,000	
92	BARNSTABLE (H)	16834	Barnstable Stormwater Asset Management Plan	\$200,000	\$120,000	
90	SOUTH HADLEY	16756	Wastewater Asset Management Project	\$250,000	\$150,000	
88	EDGARTOWN	16805	Stormwater Asset Management Project	\$250,000	\$150,000	
87	SOUTHBRIDGE	16745	Stormwater Asset Management Project	\$150,000	\$90,000	
85 *	LEICESTER WATER SUPPLY DISTRICT	16790	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$246,057	\$147,634	
84	HULL	16774	Hull Sewer Asset Management Plan	\$250,000	\$150,000	
82	ASHLAND (H)	16803	Ashland Asset Management	\$75,000	\$45,000	
80	CANTON (H)	16823	Asset Management Planning	\$246,015	\$147,609	
79	AGAWAM	16678	Agawam Asset Management Plan - Phase II	\$250,000	\$150,000	
79	METHUEN (H)	16782	Methuen Asset Management Plan Phase 2	\$250,000	\$150,000	
77 *	CHERRY VALLEY SEWER DISTRICT	16796	FY2025 Sewer AM Planning Project	\$112,060	\$67,236	
77	DANVERS	16828	Danvers Stormwater Asset Management Project	\$175,000	\$105,000	
77	HOLDEN	16759	Water and Wastewater Asset Management Plan	\$125,000	\$75,000	
76	WRENTHAM (H)	16874	Stormwater System Asset Management Plan	\$250,000	\$150,000	
74	NANTUCKET (H)	16736	Nantucket CMMS Implementation & Asset Mgt. Plan	\$815,000	\$150,000	
74	WAKEFIELD (H)	16816	Wakefield - Utility Plan & Tie Card Integration	\$259,000	\$150,000	
71	BLACKSTONE	16857	Blackstone Water System Asset Management	\$90,600	\$54,360	
70 *	DEERFIELD	16810	Stormwater Asset Management Plan (Phase 1)	\$258,875	\$150,000	
70	NEWTON (H)	16835	City of Newton Stormwater AMP	\$250,000	\$150,000	
70	BELLINGHAM (H)	16862	Stormwater Asset Management Plan	\$149,700	\$89,820	
69 *	NORTH BROOKFIELD	16751	Asset Management Planning	\$177,557	\$106,534	
68	SOUTH ESSEX SEWERAGE DISTRICT	16726	Peabody Salem Interceptor Condition Assessment	\$330,000	\$150,000	
68 *	LYNNFIELD	16798	Lynnfield Asset Management Inventory and Planning	\$145,081	\$87,048	
68 *	MONTAGUE	16733	Wastewater Asset Vulnerability Inventory	\$125,000	\$75,000	
66 *	LEE	16777	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$325,542	\$150,000	

66 *	WESTMINSTER	16778	Westminster Asset Inventory and Planning	\$216,041	\$129,624	
65 *	WILLIAMSTOWN	16786	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$367,004	\$150,000	
63 *	DEERFIELD	16748	FY2025 Sewer AM Planning Project (CMOM Phase 2)	\$281,052	\$150,000	
63	MIDDLEBOROUGH (H)	16833	Middleborough Wastewater Asset Management Planning	\$236,172	\$141,703	
61 *	HATFIELD	16808	Stormwater Asset Management Plan (Phase 1)	\$227,765	\$136,659	
61	NEEDHAM (H)	16855	Needham Sanitary Sewer System Asset Mapping	\$249,345	\$149,607	
59	BEDFORD	16784	Bedford Stormwater Asset Management Plan	\$250,000	\$150,000	
59	WEST SPRINGFIELD	16826	Sewer SCADA Improvements	\$366,000	\$150,000	\$216,000
59	SWAMPSCOTT (H)	16747	Asset Management Planning	\$160,370	\$96,222	
58 *	HATFIELD	16794	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$226,405	\$135,843	
58	HOOSAC WATER QUALITY DISTRICT	16797	WWTF AM Plan and Capital Improvements Plan	\$257,444	\$150,000	
58	ATHOL	16844	Stormwater GIS Asset Management	\$178,000	\$106,800	
58	SUDBURY (H)	16789	Sudbury Stormwater AMP	\$250,000	\$150,000	
57	MEDFIELD (H)	16787	Medfield Sewer Collection AMP	\$250,000	\$150,000	
56 *	LENOX	16792	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$299,283	\$150,000	
56	BEVERLY (H)	16865	Beverly Wastewater Infrastructure Asset Mgmt. Plan	\$260,000	\$150,000	
55 *	GREAT BARRINGTON (H)	16795	FY2025 Sewer AM Planning Project (CMOM Year 4)	\$312,841	\$150,000	
54	PLAINVILLE (H)	16781	Plainville Asset Management Plan	\$250,000	\$150,000	
46 *	ORANGE	16788	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$286,371	\$150,000	
34	WESTWOOD	16807	Westwood Storm Water Master Plan	\$250,000	\$150,000	
32	COHASSET	16870	Cohasset WWTP AMP	\$225,000	\$135,000	

TOTAL OF ASSET MANAGEMENT PLANNING PROJECTS **\$11,804,205** **\$6,381,474** **\$216,000**

(Count: 49)

TOTAL OF PROJECT PRIORITY LIST **\$11,804,205** **\$6,381,474** **\$216,000**

* - small systems

BACKGROUND

In 1987, Congress established a program of Base Capitalization Grants for states to create the CWSRF loan programs. These programs provide state-administered subsidized loans to finance the construction of publicly owned water pollution abatement projects. Under the CWSRF program, states provide a 20% match to the federal Base Capitalization Grant to create loan funds. Projects to be financed are selected using a priority ranking system based upon the public health and environmental protection benefits of the proposed projects and improved compliance.

The CWSRF is jointly administered by MassDEP and the Trust. MassDEP manages the technical aspects of the project development, while the Trust manages the disbursement of funds and the sale of bonds to provide additional capital to the program.

Pursuant to the applicable provisions of the Federal Water Pollution Control Act of 1972, as amended, Chapter 21 of the General Laws, and 310 CMR 44.00, MassDEP has developed its Calendar Year 2024 Intended Use Plan/Project Priority List (IUP/PPL), with its attendant ranking of water pollution abatement projects as noted in Table 3. A project must appear on the PPL and the IUP Project Listing to receive financial assistance under the CWSRF Loan program.

This IUP includes approximately \$932 million in financing and describes Massachusetts' intended uses for all funds available in the CWSRF program for 2024, including the projects for which Massachusetts expects to provide financial assistance. This IUP also provides an overview on how the Commonwealth will comply with federally mandated requirements.

This IUP contains a list of 49 clean water AMP project proposals, totaling \$11.8 million that will receive grant funding. These communities will receive 60% of the project cost, up to \$150,000, as a grant from the Trust, totaling \$6.4 million. The remaining project costs are to be funded by local contributions of cash, or a combination of cash and in-kind services. All or part of the local contribution may be financed by a loan from the Trust at the standard 2% interest rate with a term of up to five years.

All new projects receiving financial assistance from the CWSRF will be eligible for loans at a 2% interest rate or, in certain instances, below 2%. The Commonwealth subsidizes these loans, funding the spread between market interest rates and the awarded loan interest rates. Certain priority projects, with the primary purpose of nutrient enrichment reduction, or emergency projects that remediate PFAS from the environment, may be eligible for 0% interest loans. A determination by MassDEP will be made as to the eligibility for 0% interest loans before the loan is permanently financed and put into repayment status. The standard term for constructions loans is 20 years.

To be considered for financing priority, communities must have appropriated the necessary local project funds or have committed to a schedule to obtain those funds by **June 30, 2024**.

Completed loan applications must be submitted to MassDEP at the earliest possible time, but not later than **October 11, 2024**. A complete application must contain the local debt authorization and the required supporting documentation. Any project not meeting these deadlines will be

removed from the IUP Project Listing. A project on the IUP Project Listing may be bypassed if MassDEP determines that the project will not be ready to proceed during the financing period. Subject to availability of funds, project(s) bypassed may be replaced by the highest ranked priority project(s) on the PPL that are ready to proceed, or the funds may be used for cost increases to other projects approved previously. Following receipt of a complete loan application package, MassDEP must issue a Project Approval Certificate to the Trust, no later than **December 31, 2024**, certifying the total costs of the project determined to be eligible for financial assistance. The Trust then proceeds to execute loan commitments.

All SRF related documents, including this IUP, the priority ranking system, loan application forms, regulations, and IUPs from the previous year, may be found on the MassDEP website at: <http://www.mass.gov/eea/agencies/massdep/water/grants/state-revolving-fund.html>.

I. CALENDAR YEAR 2024 PROJECT FINANCING

In calendar year 2024, MassDEP expects to finance 45 new construction projects and 5 carryover projects totaling \$932 million. Included in this amount is a \$3 million emergency reserve to finance unanticipated problems of acute public health concern that may arise during the year, and an additional \$2 million are allocated to fund emergency PFAS or other emerging contaminants remediation projects to mitigate releases to the environment that are impacting drinking water sources. Also included is a \$5 million allocation to the CSMP, an additional \$15 million to finance planning projects. Table 1 is the list of projects recommended for financing for 2024. Table 3 is the extended PPL. Tables 2 and 4 list the projects that have been selected to receive grants from the Trust for their AMP projects.

Following are some of the more notable CWSRF program components and requirements:

A. Additional Subsidy

Federal law applicable to the 2024 CWSRF Base Grant requires that a minimum of 20% of the grant amount, but no more than 30%, be provided as additional subsidy to Disadvantaged Communities based on the affordability tier system, provided eligible applicants exist. In the calendar year 2024 CWSRF IUP, Massachusetts intends to award a minimum of \$2.5 million of the CWSRF Base Grant in additional subsidy to eligible projects. In addition, Massachusetts expects to receive \$77.99 million for the Supplemental CWSRF Grant. The Supplemental CWSRF Grant requires that Massachusetts provide \$38.22 million, 49% of the total grant amount, as loan forgiveness to Disadvantaged Communities.

Eligible construction projects for Disadvantaged Communities appearing on the 2024 IUP will receive additional subsidy, to the extent that funds are available, in the form of loan forgiveness based on the affordability tier system described below and provided as a set percentage based on the community's tier ranking. Massachusetts has established affordability criteria to identify Disadvantaged Communities, which drives the distribution of loan forgiveness. The assignment of communities to an affordability tier is based on an adjusted per capita income (APCI) calculation. Tier rankings are calculated annually by

comparing a community’s APCI as a percentage of the Commonwealth’s APCI. See the following table for the tier breakdown.

Tier	Percent of State APCI	Minimum Loan Forgiveness
1	80% or greater, but less than 100%	3.3%
2	60% or greater, but less than 80%	6.6%
3	Less than 60%	9.9%

BIL funding may increase the amount of loan forgiveness to Disadvantaged Communities beyond these standard offerings.

Projects that have a renewable energy component will qualify as a Tier 1 community and receive loan forgiveness for the portion of the loan that is financing the renewable energy component.

*Loan forgiveness will be awarded to construction contracts that are executed by **June 30, 2025**, and may be limited to the lesser of the executed contracts or the IUP cost. Planning projects are not eligible for loan forgiveness.*

In addition to meeting the [Affordability Criteria](#), under Massachusetts General Law Chapter 259 of the Acts of 2014, *An Act Improving Drinking Water and Wastewater Infrastructure*, applicants for additional subsidy are required to:

- establish water enterprise funds (or equivalent separate restricted accounts); and,
- not have made any transfers from such enterprise fund in the last five years to fund the community’s general operating budget.

B. Housing Choice Initiative

Communities that have earned the [Housing Choice](#) designation at the time of the SRF project solicitation are eligible to have their loan’s interest rate reduced by 0.5% (for example from 2% to 1.5% for a standard term loan). However, under no circumstance can the interest rate fall below 0%. For example, if a community qualifies for a 0% interest loan for a nutrient reduction project, it cannot receive an added discount through the Housing Choice designation. Housing Choice initiative communities must also certify to the enterprise fund requirements noted above.

C. Green Infrastructure

Congress requires that at least 10% of the federal CWSRF Base and BIL Supplemental CWSRF grants be dedicated to Green Infrastructure projects, or components, as defined by the USEPA. For Massachusetts, this may require that approximately \$10.35 million be allocated towards Green Infrastructure projects that minimize greenhouse gas emissions and energy use. For 2024, MassDEP will work to determine the value of the Green projects or portions of projects that qualify as Green. The total value of green components

of those projects will be determined when detailed project applications are submitted. MassDEP expects to meet the minimum \$10.35 million that USEPA requires to be allocated towards Green Infrastructure projects.

D. Applicant Cap

The Massachusetts SRF regulations (310 CMR 44) place a limit on any one proponent receiving any more than 33% of the available financing each year. Because of the shortfall of available funds relative to the number of worthwhile projects, and to extend financial assistance to as many highly ranked projects as possible, MassDEP is implementing an applicant cap of \$50 million for the 2024 financing period. MassDEP however, reserves the right to waive the applicant cap limitation if MassDEP and the Trust determines that one or more projects on the IUP Project Listing are not ready to proceed. If the applicant cap is waived, communities may see an increase in financing for projects not fully financed on the IUP listing.

E. Fiscal Sustainability Planning

For treatment works proposed for repair, replacement, or expansion, the USEPA requires that borrowers develop and implement a fiscal sustainability plan (FSP) that includes:

- an inventory of critical assets that are a part of the treatment works;
- an evaluation of the condition and performance of inventoried assets or asset groupings;
- a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
- a plan for maintaining, repairing, and, as necessary, replacing the treatment works, and a plan for funding such activities; or
- a certification that the borrower has developed and implemented a plan that meets these requirements.

Except for the third bullet above, these are all components of an AMP. The AMP grant program is designed to help communities cover 60% or up to \$150,000 of the costs associated with developing an AMP. The USEPA issued a Best Management Practices guide for the development of AMPs, which may be used as a basis for the development of an FSP <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P1000LP0.txt>. There are numerous other guidance documents available on the USEPA website and several other states (New Mexico and New Jersey, among others) have developed detailed guidance on the development of AMPs, which is publicly available.

At project completion, MassDEP requires certification from the borrower's Project Engineer stating that an FSP has been developed and implemented. The development of FSPs is an eligible SRF cost, and borrowers on the 2024 IUP may request an increase to their project cost to cover the development of the FSP or can apply in future years for

the AMP grant program <https://www.mass.gov/service-details/asset-management-planning-grant-program>.

F. Cost and Effectiveness

USEPA requires a certification that the borrower:

- has studied and evaluated the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project; and
- has selected, to the maximum extent practicable, a project that maximizes the potential for efficient water use, reuse, recapture, conservation, and energy conservation, considering:
 - the cost of constructing the project,
 - the cost of operating and maintaining the project over its life; and
 - the cost of replacing the project.

MassDEP expects that applicants will have evaluated the cost of their project, as well as the effectiveness of the solution, in the required planning element such as a Comprehensive Wastewater Management Plan or a Project Evaluation Report. These reports typically evaluate alternatives and compare their various life cycle costs. The only additional work is to evaluate that the project maximizes the potential for efficient water use and energy conservation. This evaluation, if not already complete, can be appended to the planning document.

A Cost and Effectiveness Certification form is required to be submitted with each Loan Application package.

G. Architectural and Engineering (A/E) Services Procurement

The USEPA requires that A/E services that are paid with federal funds be procured using the qualifications-based selection process under 40 U.S. Code § 11 or an equivalent state qualifications-based requirement.

There are two Massachusetts statutes for procuring A/E services: Chapter 149 for vertical construction; and Chapter 30B for horizontal construction. Chapter 149 appears to meet the qualifications-based selection requirement while Chapter 30B does not.

Rather than add a third method of procurement or forcing communities into using a different method of procurement for horizontal construction and/or owner's project manager services, the Trust has chosen to not use federal funds for any A/E services. SRF federal funds will still be available for construction services. However, on projects that receive federal funds for construction, the A/E services may be split out into a separate loan using non-federal funds.

H. Project Accounting

The USEPA requires that project accounts be maintained in accordance with the most recent applicable standard. The current standard is Governmental Accounting Standards Board (GASB) Statement No. 34, which was issued in June 1999 and details governmental reporting requirements including standards for reporting infrastructure assets.

E. Set-Aside Activities

Amendments to the Clean Water Act through the BIL allows states to use 2% of the CWSRF Base and BIL Supplemental grants for technical assistance. MassDEP and the Trust have contracted with a qualified organization to provide technical assistance to small, rural, and tribal publicly owned treatment works, particularly in Disadvantaged Communities, for the purpose of encouraging participation in the CWSRF program. The [CWSRF technical assistance](#) program will include aiding eligible communities with the preparation of Project Evaluation Forms (PEFs), SRF loan applications, and other relevant documents. Additionally, MassDEP and the Trust are in the process of implementing a grant program directly to communities for technical assistance using this set-aside. More information will be published shortly regarding the grant process. MassDEP is proposing to utilize \$600,000 of the fiscal year 2022 2% banked set-aside to establish a grant program to promote the reduction of nitrogen loading in coastal embayments to support compliance with the updated Title 5 regulations and the new Watershed Permitting regulations and to enable other coastal areas to participate in updated Title 5/new Watershed Permitting regulations.

II. SHORT- AND LONG-TERM GOALS

The following are the goals that Massachusetts has set for its CWSRF.

Short-Term Goals

- Solicit projects and prioritize projects that assist the Commonwealth in maximizing the utilization of BIL grant funds.
- Increase flexibility for proactive planning with a rolling application process for planning projects.
- Prioritize projects that promote nutrient removal in Nitrogen Sensitive Areas.
- Prioritize projects that eliminate or abate Combined Sewer Overflow discharges.
- Allocate at least 10% of the annual Base and Supplemental CWSRF annual federal grants to Green Infrastructure projects, or components, for projects that minimize greenhouse gas emissions and energy use.
- Ensure that wastewater treatment projects financed through the SRF fully consider cost-effective energy efficiency measures and/or renewable energy strategies.
- Finance eligible projects addressing unanticipated problems of acute public health concern that arise during the year and constitute an imminent public health threat.
- Utilize CWSRF set-aside grant funds to ensure that small and rural communities can

participate in the SRF program by providing additional assistance.

- Provide targeted outreach and engage with communities across the Commonwealth about SRF program benefits, priorities, and opportunities to improve water quality, reduce project costs, and enhance resiliency.

Long-Term Goals

- Efficiently allocate and distribute BIL funds.
- Identify and prioritize additional subsidy for projects in the IUP that serve Disadvantaged Communities.
- Assist stormwater and wastewater treatment plant operators to finance projects to address the impact of climate change and resiliency as indicated in the Commonwealth's [Hazard Mitigation and Climate Adaptation Plan](#), by encouraging resiliency and climate adaptation in the design and construction of water infrastructure.
- Promote systematic asset management planning for water, wastewater, and stormwater utilities to achieve long-term sustainability, implementable climate change mitigation and resiliency measures, and deliver consistent service in a cost-efficient manner.
- Promote public engagement and program transparency by publishing informative and readily accessible program materials and reports.

III. ALLOCATION OF FUNDS

A. Criteria and Method for Distribution of Funds

Massachusetts seeks to finance projects that mitigate documented threats to public health and/or impacts to the environment, and for which proponents have completed comprehensive planning and alternatives analysis. Details supplied through the PEF help MassDEP determine the extent to which projects meet the goals of the program. Once all project proposals have been reviewed and ranked following the Clean Water State Revolving Fund 2024 Project Evaluation Form instructions and guidance, <https://www.mass.gov/lists/state-revolving-fund-applications-forms#2020-project-evaluation-form-instructions-and-guidance->, the PPL is developed as shown in Table 3. With input from the Trust, MassDEP identifies all the sources of funds and spending limits and develops the IUP Project Listing as shown in Table 1.

To be considered eligible for financing, projects must meet state and federal eligibility requirements, must be ready to proceed during the financing period, have appropriated local funds necessary to finance the project, and have a MassDEP-approved planning element. An approvable planning element can be a Project Evaluation Report, Comprehensive Water Resources Management Plan, Long-term Combined Sewer Overflow (CSO) Strategy, Stormwater Management Plan, or other MassDEP sanctioned planning document. Eligibility includes consistency with the assurances described in this

document and the requirements contained within MassDEP's financial assistance regulations: <https://www.mass.gov/regulations/310-CMR-4400-the-clean-water-state-revolving-fund>. Projects on Cape Cod are required to be consistent with the Cape Cod Area-Wide Section 208 Water Quality Management Plan (Cape Cod 208 Plan). Nine Cape Cod communities: Barnstable, Dennis, Falmouth, Harwich, Mashpee, Provincetown, Sandwich, Wellfleet and Yarmouth have proposals on this IUP; the Cape Cod Commission has determined that these projects are consistent with the Cape Cod 208 Plan.

MassDEP reserves the right to increase the amount allocated to any project appearing on this IUP, should additional federal or state funding or program loan capacity become available.

B. Project Bypass Procedure

A project on the IUP Project Listing may be bypassed if MassDEP determines that the bypassed project will not be ready to proceed during the financing period. Subject to availability of funds; projects bypassed may be replaced by the highest ranked priority projects on the PPL that are ready to proceed, or the funds may be used for cost increases to other projects approved previously. Complete project applications not received by MassDEP by **October 11, 2024**, will be automatically considered for bypassing.

The Trust and MassDEP will not add projects to the PPL/IUP beyond those that may qualify for financing as emergency assistance, CSMP, or planning projects. MassDEP, considering any material program change that would require amendments to this IUP, will provide public notice and an appropriate comment period before issuing an amended IUP.

C. Types of Projects to be Financed and Financing Rates

For an eligible borrower's water pollution abatement project to receive financial assistance from the Trust, the project must meet eligibility guidelines. Such eligible projects include, but are not limited to:

- Wastewater Treatment Projects, as defined in 310 CMR 44.03;
 - Infiltration Inflow (I/I) Projects, as defined in 310 CMR 44.03;
 - Collection System Projects, as defined in 310 CMR 44.03. However, 85% of the expected wastewater flow into the proposed collection system must be for wastewater flows in existence as of July 1, 1995;
 - Nonpoint Source Projects, as defined in 310 CMR 44.03;
 - Nutrient Management Projects, as defined in 310 CMR 44.03;
 - Stormwater Projects;
 - Green Infrastructure Projects; and,
 - The planning or design for any project in one of the categories identified above.
-

Costs of construction that MassDEP determines as being necessary for the completion of the project are eligible for financing through the loan and can receive a subsidy under the loan, subject to the applicant cap. Costs for planning projects are eligible for financing during the 2024 financing period. Although costs for design are eligible under SRF regulations, only PFAS design for emergency projects will be financed during this financing period. MassDEP may limit the SRF loan for PFAS design to 10% of the total estimated cost of the PFAS mitigation construction project.

All projects on the IUP are eligible for 2% interest rate loans. Certain projects that are primarily for nutrient removal are eligible for 0% interest rate loans. Nutrient removal projects will be evaluated in accordance with 310 CMR 44.04(2). A determination will be made as to the eligibility for 0% interest loans before loans are permanently financed.

Additionally, communities that implement a CSMP that offers an interest rate reduction to homeowners based on the area median income (AMI) threshold may be eligible for 0% interest loans for the portion that communities will use to issue loans to eligible homeowners below the AMI threshold. Eligibility for the loan is subject to review by MassDEP and an affirmative vote by Trust's Board of Trustees.

IV. FINANCIAL MANAGEMENT

A. Source of State Match

Based on the anticipated 2024 CWSRF Base Grant of \$25.5 million from USEPA, the required 20% state match equals \$5.1 million. In addition, for 2024, Massachusetts expects to receive \$77.99 million for the Supplemental CWSRF Grant. The required 20% state match equals \$15.60 million. These state match funds are provided to the Trust from the Commonwealth's Capital Plan by the end of June 2024.

B. Fee Income

Recipients of SRF loans are charged an annual administrative fee of 0.15% (15 basis points) against the outstanding loan principal to fund salaries and expenses of the Trust and MassDEP related to SRF project development and loan management. As of November 28, 2023, the Trust has a balance of approximately \$48.2 million in its Administrative Account. Additionally, the Trust may charge an amount not to exceed \$5.50 per \$1,000 as a loan origination fee to offset the costs incurred during its bond issuance. All fee income is CWSRF program income.

C. Program Administration

The Commonwealth of Massachusetts intends to use the full 4% of the federal Base Grant and the CWSRF BIL Supplemental Grant funds for administrative support of activities related to the CWSRF. Use of those funds is detailed in the CWSRF Grant Application that the Trust files each year with the USEPA.

D. Anticipated Cash Draw Ratio

Massachusetts will draw 100% of the state match funds before drawing federal grant funds.

E. Transfer of Funds Between CWSRF and DWSRF

Section 302 of the 1996 Safe Drinking Water Act Amendments allows states the flexibility to move funds between the Clean and the Drinking Water SRF programs to better address specific state priorities. The USEPA allows an equivalent of up to 33% of the Drinking Water Base grant to be transferred between the CWSRF and DWSRF. The CWSRF IUP capacity frequently allows Massachusetts to finance all the priority projects each year accounting for about two thirds of the proposed construction projects. Generally, over half of requested DWSRF construction projects go unfinanced. The level of federal grant funding of the DWSRF is insufficient to meet the need for project financing. Transferring a limited amount of funds from the CWSRF to the DWSRF this year and in the future will help increase the overall capacity of the DWSRF and reduce the number of unfinanced projects with minimal impacts to the CWSRF IUP. Massachusetts will transfer funds from the CWSRF to the DWSRF program in the amount of \$3.5 million (33% of the anticipated 2024 DWSRF base grant amount of \$10.6 million). BIL allows states the flexibility to move funds between the CWSRF and the DWSRF programs. Massachusetts will transfer funds from the CWSRF supplemental grant in the amount of \$16.29 million representing 33% of the 2024 DWSRF supplemental grant amount of \$49.35 million. Due to great demand for PFAS remediation in drinking water projects, Massachusetts will transfer \$5.29 million of CWSRF Emerging Contaminant supplemental funds to the DWSRF Emerging Contaminant program representing nearly 33% of the DWSRF Emerging Contaminant grant amount. This transfer will not adversely impact CWSRF project financing in this IUP. Furthermore, Massachusetts reserves authority of future transfers of Supplemental BIL funds.

F. Estimated Sources and Uses

The sources of funds available to the Massachusetts CWSRF include the federal Base Grant, the federal supplemental BIL grants, state match, and borrower loan repayments. The Trust may leverage these funds up to three times. Under this authority, the Trust will offer to finance approximately \$932 million of CWSRF eligible projects.

V. Program Management

A. Assurances and Special Conditions

MassDEP and the Trust have provided the required assurances and certifications as part of the Operating Agreement (OA) between Massachusetts and the USEPA. The OA describes the mutual obligations among USEPA, MassDEP, and the Trust. The purpose of the OA is to provide a framework of procedures to be followed in the management and administration of the CWSRF.

The OA addresses the commitment to key CWSRF requirements, including:

- Section 602(a) Environmental Reviews: The CWSRF will conduct environmental reviews according to the State Environmental Review Process developed for the SRF.
- Section 603(b) (3) Binding Commitments: The CWSRF will enter binding commitments for 120 percent of each quarterly grant payment within one year of receipt of the payment.
- Section 602(b) (4) Expeditious and Timely Expenditures: The CWSRF will expend all funds in the CWSRF in a timely manner.
- Consistency with Planning. The Commonwealth agrees that it will not provide assistance to any project unless that project is consistent with plans developed under Section 205(j), 208, 303(e), 319, or 320.

B. Federal Requirements

A number of federal requirements apply to CWSRF projects in an amount equal to the Base Grant and BIL Grants including:

- Single Audit Act (2 CFR 200 Subpart F)
- Federal Funding Accountability and Transparency Act (FFATA) reporting
- Disadvantaged Business Enterprise compliance (all projects)
- Federal environmental crosscutters (all projects)
- Federal Flood Risk Management Standard (FFRMS) to comply with Executive Order [\(EO\) 14030](#) that reinstated EO 13690
- Project signage to enhance the public awareness ([Investing in America Signage](#) all projects)
- American Iron and Steel (all treatment works projects)
- Build America, Buy America (BABA) Act
- Ineligible Costs: any costs that are prohibited including but not limited to: 2 CFR 200.216, Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment.

MassDEP and the Trust will identify the group of projects that must comply with these requirements in the USEPA grant applications. Frequently, the group of projects changes as projects move towards construction, usually due to attrition. If changes are made to the group of projects, appropriate amendments to the grant application will be made.

C. Davis-Bacon Wage Rates

The amendments to the Clean Water Act, as part of the Water Resources Reform and Development Act, apply the Davis-Bacon Act requirements to all treatment works projects going forward. The Davis-Bacon requirements do not apply to nonpoint source or decentralized wastewater treatment projects. MassDEP ensures that the required Davis-

Bacon language is included in contracts and conducts field verifications of project compliance with the wage rate requirements.

D. American Iron and Steel and the Build America, Buy America Act

The amendments to the Clean Water Act, as part of the Water Resources Reform and Development Act, apply the AIS requirements to all treatment works projects. BIL makes the AIS procurement requirement permanent going forward. Furthermore, with the inclusion of the BABA Act, BIL expands domestic sourcing requirements for CWSRF treatment works projects that are funded with federal capitalization grants going forward. Additionally, per the USEPA, projects being co-funded by an SRF loan and a Congressionally Directed Spending grant are required to comply with the BABA Act. Therefore, starting on May 14, 2022, all steel, iron, manufactured products, non-ferrous metals, plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, and drywall used in infrastructure projects for federal financial assistance programs must be produced in the United States, unless (i) the SRF borrower has requested and obtained a waiver from the USEPA pertaining to the Project or the Project is otherwise covered by a general applicability waiver; or (ii) the Department has otherwise advised the borrower in writing that the BABA requirement is not applicable to the project; notification will be given prior to granting permission to advertise. MassDEP ensures that the required procurement language is included in contracts and conducts field verifications of project compliance. Appropriate AIS and BABA language has also been included in the Project Regulatory Agreement and the Financing Agreement.

E. Audits and Reporting

MassDEP and the Trust will comply with all the auditing and reporting requirements of the USEPA. A single audit is conducted annually and reporting to the USEPA is done through the Office of Water State Revolving Fund (OWSRF) data system, Annual Report, and FFATA reporting.

VI. Public Review and Comment

Notice of the availability of the Draft Calendar Year 2024 IUP/PPL was made on December 27, 2023. MassDEP held a public hearing on the Draft IUP virtually on January 31, 2024. Records of the testimony received are maintained in MassDEP's files. MassDEP took into consideration the testimony received during the public review process to finalize this IUP by advancing two additional projects from the PPL to the IUP.

**TABLE 3
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2024 CWSRF Project Priority List**

NEW PROJECTS

Rating	Applicant	NPDES/PERMIT	SRF ID	Project	Project Cost
553	BARNSTABLE (PF)(SG)	Other	16677	Nitrogen Removal Improv. & New Headworks Facility	\$155,265,000
548	NEW BEDFORD (PF)#	MA0100781	16872	Wastewater Pumping Station Improvements	\$13,485,000
547	BARNSTABLE (H)(PF)	Storm Water	16683	Route 28 West Sewer Expansion Project	\$59,650,000
547	OAK BLUFFS (PF)(D)	Ground Water	16752	Oak Bluffs WWTF ENR Upgrade Project	\$0
547	ROCKLAND (PF)(BG)	MA0101923	16871	Wastewater Treatment Facility Upgrades	\$21,500,000
544	KINGSTON (PF)(D)	Ground Water	16725	Effluent Recharge Site No. 3 & Sewer Expansion	\$0
544	NEW BEDFORD (PF)#	Not Applicable	16873	Wastewater Collection System Improvements	\$74,965,000
543	BILLERICA (H)(PF)#	MA0101711	16802	Infiltration/Inflow Rehabilitation Project	\$1,586,500
542	NANTUCKET (H)#	Ground Water	16693	Phase 2 Surfside WWTF Improvements	\$13,118,000
541	HARWICH (PF)	Not Applicable	16674	Harwich Route 28 Sewer Project	\$6,500,000
540	FALL RIVER (PF)#	MA0100382	16710	Mothers Brook Sewer Replacement	\$24,280,000
540	FALL RIVER (PF)#	Not Applicable	16727	Stafford Square Flood Mitigation	\$29,385,400
540	REVERE (H)(PF)#	Not Applicable	16729	Phase 15 Construction - I/I, IDDE, P.S. & Drainage	\$12,000,000
540	BARNSTABLE (H)(PF)	Not Applicable	16754	Phinney's Lane Neighborhoods Sewer Expansion	\$38,766,000
540	MASHPEE (PF)(BG)	Ground Water	16791	Phase 2 Mashpee Treatment and Collection System	\$80,000,000
540	HAVERHILL (PF)#	MA0101621	16876	Haverhill Locke Street Phase 1	\$8,894,300
540	HAVERHILL (PF)#	MA0101621	16691	Locke Street Sewer Separation - Phase 2	\$14,040,000
539	SAUGUS (PF)#	Not Applicable	16762	Comprehensive Sewer System Rehabilitation - 2	\$2,480,495
539	GLOUCESTER (H)(PF)(SG)	MA0100625	16775	WPCF Secondary Treatment and Facility Upgrades	\$205,972,280
538	ACUSHNET (PF)	Storm Water	16709	CWMP Needs Area 2 Sewer Extension	\$15,000,000
538	LOWELL (H)(PF)(SG)	MA0100633	16760	Phase 1 Humphrey's Brook Area CSO Separation	\$23,000,000
537	SANDWICH (PF)	Ground Water	16718	Sandwich High School WWTF Upgrades	\$9,100,000
536	HAVERHILL (PF)#	MA0101621	16711	Sewer System Improvements - CIPP Lining	\$2,345,000
536	LAWRENCE (H)(PF)#	MA0100447	16712	Sewer and Drainage Improvements/ Contract 7	\$9,251,000
536	EASTON (H)	MA0101702	16851	Five Corners Needs Area - Secondary Pump Station	\$3,955,000
535	HAVERHILL (PF)	MA0101621	16761	WWTF and South Mill Street Pump Station Upgrades	\$54,710,000
535	QUINCY (H)(PF)#	Not Applicable	16753	FY25 Sewer & Drain Improvements	\$7,000,000
534	DENNIS (PF)	Ground Water	16676	Phase 1 - WRRF and Collection System	\$188,600,000
533	TYNGSBOROUGH (H)(PF)(D)	MA0100633	16695	Phase 3 Sewer Extension & Sunset Park	\$0

532	BILLERICA (H)(PF)	MA0101711	16724 Sewer Contract 38	\$25,525,500
532	FALMOUTH (PF)	Ground Water	16728 Falmouth TASA Phase 1 Collection and Recharge	\$41,300,000
532	NEWTON (H)	Storm Water	16829 PCP Structural Stormwater Control Implementation	\$20,127,081
531	NAHANT	Storm Water	16706 Sewer Collection System Repair & Replacement 2024	\$24,471,000
531	NORTH READING (H)	Not Applicable	16801 North Reading Wastewater Collection System	\$113,600,000
530	WESTPORT (PF)	Not Applicable	16704 Route 6 Phase 1A Sewer	\$7,509,017
528	SWANSEA (PF)	Not Applicable	16705 Route 6 Corridor Sewer Collection System	\$57,109,938
528	SUDBURY (H)(D)	Not Applicable	16697 WWTF & Collection System Project	\$0
526	BROCKTON (H)(PF)	MA0101010	16743 Sewer System Rehabilitation Phase 4	\$2,500,000
526	WELLFLEET (H)	Not Applicable	16854 95 Lawrence Wastewater Treatment and Collection	\$6,309,000
524	QUINCY (H)(PF)	Storm Water	16779 Wollaston Stormwater Capacity Improvements Phase 1	\$5,250,000
523	BOSTON WATER AND SEWER COMMISSION (H)#	MA0101192	16690 East Boston Sewer Separation Phase IV	\$143,936,993
510	ACTON (H)(D)	Ground Water	16800 Acton Great Road Sewer Project	\$0
448	NEW BEDFORD (PF)	MA0100781	16864 WWTP Improvements	\$19,000,000
437	MARION	MA0100030	16785 Creek Road Pump Station Resiliency Improvements	\$3,350,000
437	PROVINCETOWN (H)#	Ground Water	16758 I-I and Sewer Redirects	\$974,000
434	PROVINCETOWN (H)	Ground Water	16703 Provincetown Phase 6B Collection System Expansion	\$32,988,700
434	HAVERHILL (PF)	Other	16799 Closure of Northern Mound of Haverhill Landfill	\$10,126,500
433	PROVINCETOWN (H)	Ground Water	16716 Jerome Smith Pump Station	\$848,000
433	BILLERICA (H)(PF)	MA0101711	16868 Brown Street Force Main Rehabilitation/Replacement	\$14,655,198
423	WELLFLEET (H)	Not Applicable	16780 Wellfleet Enhanced I&A Septic System Program	\$448,800
341	PLYMOUTH (H)(PF)	MA0100587	16688 Camelot Drive Sewer Extension Project	\$13,186,000
338	BILLERICA (H)(PF)	MA0101711	16720 Darby Avenue Pump Station	\$2,896,750
337	GREATER LAWRENCE SANITARY DISTRICT (H)(PF)#	MA0100447	16702 Disinfection System Upgrades at GLSD	\$8,133,000
332	WAREHAM (PF)	MA0101893	16769 WPCF Improvements - Phase 2	\$36,450,000
330	HUDSON (PF)	MA0101788	16877 Hudson Wastewater Pump Station Upgrades	\$4,548,000
328	PROVINCETOWN (H)	Ground Water	16715 Motta Field Subsurface Effluent Disposal Bed	\$979,000
325	MEDFIELD (H)	MA0100978	16846 Medfield Sewer Infrastructure Rehabilitation	\$932,000
323	TISBURY (PF)#	Not Applicable	16717 Tisbury Enhanced I&A Septic System Program	\$897,600
321	SALEM (H)(PF)	Storm Water	16687 Rosies Pond & Jefferson Avenue Flood Mitigation	\$3,999,000
321	TISBURY (PF)#	Other	16875 Lake Street Park Cluster Wastewater Project	\$2,090,000
320	SALEM (H)(PF)	Storm Water	16689 Ocean Avenue West Pump Station Improvements	\$9,800,000

308	AVON (PF)	Not Applicable	16763 Avon Industrial Park Localized Sewer District	\$13,545,800
239	BARNSTABLE (H)(PF)	Not Applicable	16839 2024 Wastewater Pump Station Improvements Project	\$1,200,000
235	BROCKTON (H)(PF)(RE)#	MA0101010	16742 AWRF Biosolids Management Improvements	\$35,000,000
224	MASSACHUSETTS WATER RESOURCES AUTHORITY	Not Applicable	16880 Cottage Farm CSO Facility PCB Abatement	\$11,660,000
224	TYNGSBOROUGH (H)(PF)#	MA0100633	16696 Phalanx Pump Station Upgrade	\$1,250,000
223	MASSACHUSETTS WATER RESOURCES AUTHORITY #	Other	16732 Interceptor Renewal No. 7: Malden-Melrose	\$10,340,000
219	WORCESTER (H)(PF)	MA0102997	16737 Holden Street Pump Station Rehabilitation Project	\$6,511,000
216	ACTON (H)	Ground Water	16811 Acton Pump Station Rehabilitation	\$2,650,000
216	CONCORD #	MA0100668	16853 Concord WWTP Upgrades - Phase 1	\$8,120,000
214	SHREWSBURY (H)	MA0100412	16694 Walnut St PS Upgrade & FM/Sewer Replacement	\$5,040,200
208	NEEDHAM (H)	Not Applicable	16847 I-95 Sewer Interceptor Improvements	\$12,054,000

TOTAL OF NEW PROJECTS **\$1,796,161,052**

(Count: 72)

(Average Rating: 446.47)

- (BG) - Base Capitalization Grant
- (D) - Dropped by Applicant
- (H) - Housing Choice Communities
- (PF) - Affordability Criteria
- (RE) - Potential Renewable Energy Projects
- (SG) - BIL CWSRF General Supplemental Grant
- # - Projects contains Energy Efficiency, Renewable Energy and/or meets EPA's definition of a Green Project (<https://www.epa.gov/greeningepa/energy-and-emissions-epa>)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	NPDES/PERMIT	SRF ID	Project	Project Cost
LYNN WATER AND SEWER COMMISSION (PF)(H)	MA0100552	7024	West Lynn Sewer Separation - Phases 3, 4, & 5	\$68,833,914
MASSACHUSETTS WATER RESOURCES AUTHORITY	MA0103284	6822	DITP Clarifier #2	\$289,359,690
MASSACHUSETTS WATER RESOURCES AUTHORITY	MWRA Deer Island Sewage Treatment Plant	4150	DITP Asset Protection Phase 3	\$66,500,000
WAREHAM (PF)	MA0101893	12430	WPCF Improvements - Phase 2	\$36,450,000
YARMOUTH (PF)	GW Permit	8349	Phase I - WRRF and Collection System	\$207,244,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS				\$668,387,604

(Count: 5)

MassDEP PRIORITY PROJECTS

Applicant	NPDES/PERMIT	SRF ID	Project	Project Cost
COMMUNITY SEPTIC MANAGEMENT	N/A	3850	Community Septic Management Program	\$5,000,000
EMERGENCY PFAS REMEDIATION SET-ASIDE		18911		\$2,000,000
EMERGENCY SRF SET-ASIDE	N/A	2977		\$3,000,000
PLANNING SRF SET-ASIDE		13575		\$13,000,000
TOTAL OF MassDEP PRIORITY PROJECTS				\$23,000,000

(Count: 4)

TOTAL OF PROJECT PRIORITY LIST**\$2,487,548,656**

TABLE 4
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2024 CWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost
96 *	HUNTINGTON	16850	Huntington Water and Sewer Asset Management	\$149,625
95	UPPER BLACKSTONE CLEAN WATER	16773	Upper Blackstone Clean Water Asset Management Plan	\$250,000
92	HOPEDALE	16776	Hopedale Water & Sewer Asset Management Plan	\$250,000
92	BARNSTABLE (H)	16834	Barnstable Stormwater Asset Management Plan	\$200,000
90	SOUTH HADLEY	16756	Wastewater Asset Management Project	\$250,000
88	EDGARTOWN	16805	Stormwater Asset Management Project	\$250,000
87	SOUTHBRIDGE	16745	Stormwater Asset Management Project	\$150,000
85 *	LEICESTER WATER SUPPLY DISTRICT	16790	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$246,057
84	HULL	16774	Hull Sewer Asset Management Plan	\$250,000
82	ASHLAND (H)	16803	Ashland Asset Management	\$75,000
80	CANTON (H)	16823	Asset Management Planning	\$246,015
79	AGAWAM	16678	Agawam Asset Management Plan - Phase II	\$250,000
79	METHUEN (H)	16782	Methuen Asset Management Plan Phase 2	\$250,000
77 *	CHERRY VALLEY SEWER DISTRICT	16796	FY2025 Sewer AM Planning Project	\$112,060
77	DANVERS	16828	Danvers Stormwater Asset Management Project	\$175,000
77	HOLDEN	16759	Water and Wastewater Asset Management Plan	\$125,000
76	WRENTHAM (H)	16874	Stormwater System Asset Management Plan	\$250,000
74	NANTUCKET (H)	16736	Nantucket CMMS Implementation & Asset Mgt. Plan	\$815,000
74	WAKEFIELD (H)	16816	Wakefield - Utility Plan & Tie Card Integration	\$259,000
71	BLACKSTONE	16857	Blackstone Water System Asset Management	\$90,600
70 *	DEERFIELD	16810	Stormwater Asset Management Plan (Phase 1)	\$258,875
70	NEWTON (H)	16835	City of Newton Stormwater AMP	\$250,000
70	BELLINGHAM (H)	16862	Stormwater Asset Management Plan	\$149,700
69 *	NORTH BROOKFIELD	16751	Asset Management Planning	\$177,557
68	SOUTH ESSEX SEWERAGE DISTRICT	16726	Peabody Salem Interceptor Condition Assessment	\$330,000
68 *	LYNNFIELD	16798	Lynnfield Asset Management Inventory and Planning	\$145,081
68 *	MONTAGUE	16733	Wastewater Asset Vulnerability Inventory	\$125,000
66 *	LEE	16777	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$325,542

66 *	WESTMINSTER	16778	Westminster Asset Inventory and Planning	\$216,041
65 *	WILLIAMSTOWN	16786	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$367,004
63 *	DEERFIELD	16748	FY2025 Sewer AM Planning Project (CMOM Phase 2)	\$281,052
63	MIDDLEBOROUGH (H)	16833	Middleborough Wastewater Asset Management Planning	\$236,172
61 *	HATFIELD	16808	Stormwater Asset Management Plan (Phase 1)	\$227,765
61	NEEDHAM (H)	16855	Needham Sanitary Sewer System Asset Mapping	\$249,345
59	BEDFORD	16784	Bedford Stormwater Asset Management Plan	\$250,000
59	WEST SPRINGFIELD	16826	Sewer SCADA Improvements	\$366,000
59	SWAMPSCOTT (H)	16747	Asset Management Planning	\$160,370
58 *	HATFIELD	16794	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$226,405
58	HOOSAC WATER QUALITY DISTRICT	16797	WWTF AM Plan and Capital Improvements Plan	\$257,444
58	ATHOL	16844	Stormwater GIS Asset Management	\$178,000
58	SUDBURY (H)	16789	Sudbury Stormwater AMP	\$250,000
57	MEDFIELD (H)	16787	Medfield Sewer Collection AMP	\$250,000
56 *	LENOX	16792	FY2025 Sewer AM Planning Project (CMOM Year 2)	\$299,283
56	BEVERLY (H)	16865	Beverly Wastewater Infrastructure Asset Mgmt. Plan	\$260,000
55 *	GREAT BARRINGTON (H)	16795	FY2025 Sewer AM Planning Project (CMOM Year 4)	\$312,841
54	PLAINVILLE (H)	16781	Plainville Asset Management Plan	\$250,000
46 *	ORANGE	16788	FY2025 Sewer AM Planning Project (CMOM Year 1)	\$286,371
34	WESTWOOD	16807	Westwood Storm Water Master Plan	\$250,000
32	COHASSET	16870	Cohasset WWTP AMP	\$225,000

TOTAL OF ASSET MANAGEMENT PLANNING PROJECT **\$11,804,205**

(Count: 49)

TOTAL OF PROJECT PRIORITY LIST **\$11,804,205**

* - small systems