



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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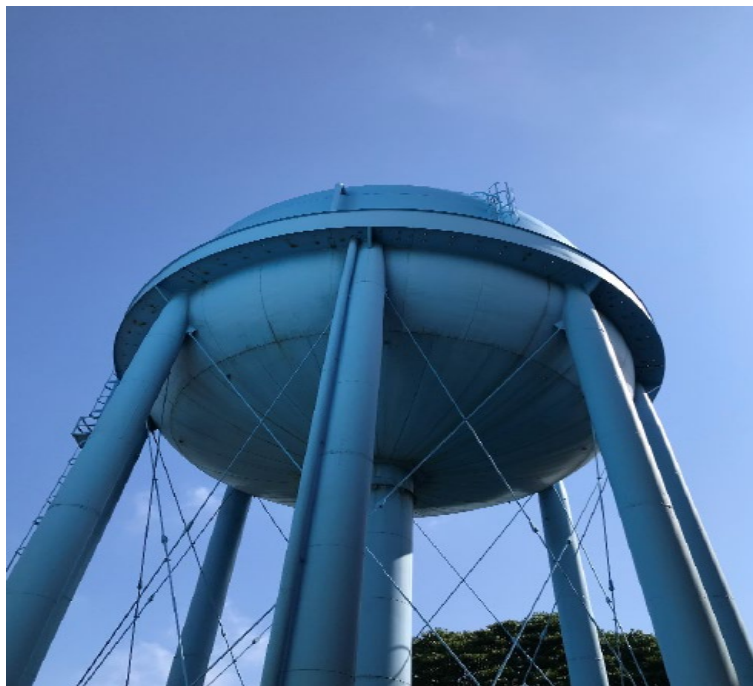
Bonnie Heiple
Commissioner

2024 Final INTENDED USE PLAN

For the

DRINKING WATER STATE REVOLVING FUND

March 2nd 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) which lists the projects, borrowers, grant recipients, and amounts that are being offered financing through the Drinking Water State Revolving Fund (DWSRF) program. The DWSRF is a joint federal-state financing program that provides subsidized loans and grants to protect public health by improving water supply infrastructure systems and protect drinking water in the Commonwealth.

The Massachusetts Clean Water Trust (Trust) is offering \$503 million to finance drinking water projects across the Commonwealth. As noted in Table 1, approximately \$340 million is being offered to finance 31 new construction projects, and approximately \$113 million towards financing 19 previously approved multi-year projects. Additionally, \$5 million is allocated to the emergency set-aside account, \$25 million is set aside to finance new Lead Service Line (LSL) Replacement projects, \$10 million is set aside to fund an LSL planning grant program, and \$10 million is set aside to finance other planning projects and PFAS design costs. To encourage communities and Public Water Suppliers 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. Also, AMPs 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, twenty AMP proposals, estimated at approximately \$3.5 million, as shown in Table 2, are being offered grants totaling approximately \$2 million. Public water suppliers 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 three new federal grants through the DWSRF:
 1. Supplemental DWSRF Grant
 2. LSL Replacement Grant
 3. Emerging Contaminants Grant

These grants are being provided annually in 2022 and will continue through 2026. For Fiscal Year (FY) 2024, Massachusetts expects to receive \$49.35 million for the Supplemental DWSRF Grant, \$33.7 million for the LSL Replacement Grant, and \$16.40 million for the Emerging Contaminants Grant, focusing on PFAS. Each of these grants requires that the

Trust provide a portion of the funding as loan forgiveness. The Supplemental DWSRF Grant requires that \$24.18 million, or 49% of the total grant amount be provided as loan forgiveness to Disadvantaged Communities. The LSL Replacement Grant requires that \$16.51 million, or 49% of the total grant amount be provided as loan forgiveness to Disadvantaged Communities. The Emerging Contaminants Grant requires that the entire grant amount be provided as loan forgiveness with at least 25% of the loan forgiveness going to Disadvantaged Communities.

Using supplemental funds, the Trust 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 fund availability. Refer to Section A, additional subsidy, of this IUP for more details. MassDEP, in consultation with the Trust, may amend this IUP as necessary given that the United States Environmental Protection Agency (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 funds 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 Safe Drinking Water Act (DWSRF Program):

- **American Iron and Steel (AIS)** - BIL makes the American Iron and Steel (AIS) procurement requirement permanent for DWSRF construction projects going forward.
- **Build America, Buy America (BABA) Act** – With the inclusion of the BABA Act, BIL expands domestic sourcing requirements for DWSRF 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 Build America, Buy America 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 the following web

link: <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 raised the minimum Safe Drinking Water Act requirement for Additional Subsidy to Disadvantaged Communities from 6% to 12%, establishing an additional subsidy range of 12% to 35% for the annual DWSRF Base Grant. While Congress requires that states use 14% of the annual DWSRF grant for additional subsidy, Massachusetts expects an award of \$10.6 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 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-).
- To better address specific state priorities, Section 302 of the 1996 Safe Drinking Water Act Amendments, allows 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 \$16.42 million representing 33% of the 2024 DWSRF supplemental grant amount of \$49.77 million. Due to great demand for PFAS mitigation in drinking water projects, Massachusetts will transfer \$5.29 million of the CWSRF Emerging Contaminant Grant funds to the DWSRF Emerging Contaminant program representing nearly 33% of the DWSRF Emerging Contaminant grant amount. Further details may be found in Section E of this IUP.
- The USEPA requires that 15% of total IUP assistance be directed toward small systems, those serving populations fewer than 10,000. Eleven of the 2024 small system applicants are being offered financing in the 2024 IUP with projects totaling approximately \$99 million. Since financing for small systems exceeds 15% of \$503 million, or \$75.45 million, Massachusetts expects to meet this requirement.
- During the 2024 calendar year, PFAS remediation projects will continue to be eligible to receive additional subsidy in the form of 0% interest rate loans contingent on the availability of funds.
- **LSL Planning Grant Program** – Massachusetts is offering \$10 million in grants for planning activities that assist public water suppliers (PWS) to complete LSL inventories and to develop LSL replacement programs. MassDEP is accepting grant applications for LSL planning activities on a rolling basis. It is recommended that PWS apply as soon as possible as funding will be provided on a first come, first served basis.

- **[LSL Replacement Construction Projects](#)** – LSL replacement projects will be eligible to receive additional subsidy in the form of 0% interest rate loans contingent on the availability of funds. Using \$25 million of the LSL Replacement Grant, MassDEP is implementing a rolling loan application process for new LSL replacement construction projects, beyond the projects listed in Table 1 of this IUP. This program supports PWS’ efforts to expedite implementation of MassDEP-approved LSL replacement programs. Projects must include inventory and replacement of public and private LSLs in compliance with the Lead and Copper Rule Revisions and all SRF program requirements. Priority for financing will be given to systems with documented lead levels, particularly those exceeding the 90th percentile, and PWS serving Disadvantaged Communities or small systems. MassDEP will review applications on a monthly basis while funding is available.
- MassDEP is also offering additional loan forgiveness for projects with a renewable energy component regardless of Disadvantaged Community status.
- 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 project proponents have invested in the development of applications and recognizes their efforts to enhance and protect the public health of the Commonwealth.

TABLE 1
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2024 DWSRF Final Intended Use Plan

NEW PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
536	DEDHAM-WESTWOOD WATER DISTRICT (RE)(EC)	16739	DWWD - White Lodge WTP PFAS Treatment	\$8,300,000	\$8,300,000
534	CHELMSFORD WATER DISTRICT (H)(EC)	16698	Chelmsford WD PFAS Treatment	\$43,000,000	\$15,000,000
531 *	GROTON (RE)(EC)#	16819	Groton Water System Expansion	\$12,801,200	\$12,801,200
531	SOMERSET (PF)	16842	Booster Pump Station & High Service Area Rehab	\$2,000,000	\$2,000,000
530	ATTLEBORO (PF)(EC)(BG)	16764	Wading River Water Treatment Plant	\$35,181,000	\$15,000,000
530	BARNSTABLE (H)(PF)(EC)(SG)	16849	Straightway & Hyannisport PFAS Treatment Facility	\$36,000,000	\$15,000,000
530	MANSFIELD (H)(EC)	16856	Dustin-Prescott PFAS Treatment and Wells	\$8,591,200	\$8,591,200
529	MATTAPOISETT RIVER VALLEY WATER DISTRICT	16692	MRVWD Water Treatment Plant Upgrades	\$5,005,000	\$5,005,000
529	EASTON (H)(EC)	16722	Red Mill Road WTP PFAS Upgrade	\$4,000,000	\$4,000,000
528	WESTFORD (H)(EC)(SG)	16749	Forge Village&Nutting Road PFAS Treatment Upgrades	\$23,000,000	\$15,000,000
527	UXBRIDGE (PF)(EC)	16738	Blackstone Water Treatment Plant	\$14,900,000	\$14,900,000
526	AUBURN WATER DISTRICT (PF)(EC)(SG)	16699	Arsenic and PFAS Removal WTP for South Street Well	\$12,240,000	\$12,240,000
526	GRAFTON WATER DISTRICT (H)(EC)(BG)	16765	East St. and Worcester St. PFAS Treatment Upgrades	\$23,000,000	\$15,000,000
525	NEW BEDFORD (PF)(LR)	16863	Lead Service Line Replacement Program - Phase III	\$30,800,000	\$30,800,000
524	SHREWSBURY (H)(EC)	16836	Home Farm WTP PFAS Treatment Upgrades	\$18,500,000	\$15,000,000
524	MIDDLEBOROUGH (H)(PF)(EC)	16735	East Grove Street Water Treatment Plant	\$18,500,000	\$15,000,000
523	FRANKLIN (H)(RE)(EC)	16730	Franklin Hayward St. WTP Improvements	\$25,696,000	\$15,000,000
523 *	MILLIS (H)(PF)(EC)	16822	Village Street Water Treatment Plant PFAS Upgrades	\$7,093,100	\$7,093,100
522 *	LUNENBURG WATER DISTRICT (PF)(EC)	16845	Hickory Hills Water Filtration Plant	\$14,900,000	\$14,900,000
521	BELLINGHAM (H)(PF)(EC)(SG)	16813	PFAS Treatment at Hartford Avenue WTP	\$21,570,000	\$15,000,000
520 *	GROVELAND (PF)(EC)(SG)	16746	Wells 1, 3 & 4 Water Treatment Plant	\$22,314,900	\$15,000,000
520 *	PLAINVILLE (H)(EC)(BG)	16848	Turnpike Lake PFAS Water Treatment Plant	\$25,806,000	\$15,000,000
518 *	WEST BRIDGEWATER (PF)	16700	Cyr Street and Norman Avenue Fe/Mn Treatment	\$10,760,000	\$10,760,000
516 *	SOUTH GRAFTON WATER DISTRICT (H)(EC)	16825	PFAS Treatment Plant for Wells #2 and #3	\$4,200,000	\$4,200,000
516	STOUGHTON (H)(PF)(EC)	16843	Pratts Court WTP Improvements	\$4,415,000	\$4,415,000

515	NORWOOD (PF)#	16783	Bellevue Water Tanks Replacement	\$13,976,950	\$13,976,950
513 *	AQUARION WATER COMPANY OF MASSACHUSETTS – DOVER (EC)	16840	Francis Street Treatment Facilities	\$8,155,000	\$8,155,000
512	EVERETT (H)(PF)(LR)	16793	Everett Lead Service Line Replacement Phase 4	\$2,381,000	\$2,381,000
444 *	BONDSDVILLE FIRE AND WATER DISTRICT (PF)#	16831	Bondsville Water Storage Tank Replacement	\$3,350,900	\$3,350,900
433 *	PINE VALLEY PLANTATION	16830	Pine Valley Plantation Water System Replacement	\$6,014,514	\$6,014,514
431 *	THREE RIVERS FIRE DISTRICT (PF)#	16707	Water Storage Tanks Mitigation and Restoration	\$1,980,000	\$1,980,000

TOTAL OF NEW PROJECTS

\$468,431,764

\$340,863,864

(Count: 31)

(Average Rating: 515.71)

* - Small System

(BG) - Base Capitalization Grant

(D) - Dropped by Applicant

(EC) - BIL DWSRF Emerging Contaminants Grant

(H) - Housing Choice Communities

(LR) - BIL DWSRF Lead Service Line Replacement Grant

(PF) - Disadvantaged Community

(RE) - Potential Renewable Energy Projects

(SG) - BIL DWSRF 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>)

MassDEP PRIORITY PROJECTS

Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
EMERGENCY SRF SET-ASIDE	2978		\$5,000,000	\$5,000,000
LEAD SERVICE LINE REPLACEMENT SRF SET-ASIDE	16595		\$35,000,000	\$35,000,000
PLANNING SRF SET-ASIDE	13574		\$10,000,000	\$10,000,000
TOTAL OF MassDEP PRIORITY PROJECTS			\$50,000,000	\$50,000,000

(Count: 3)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	SRF ID	Project	Project Cost	2024 IUP Cost
AMHERST (PF)(H)#	7036	Centennial Water Treatment Plant Replacement	\$19,930,000	\$4,930,000
BRAINTREE #(RE)(PF)(EC)	7258	Tri-Town Regional Water Treatment Plant	\$55,212,683	\$10,000,000
CHATHAM	12457	Training Field Road PFAS Water Treatment Plant	\$19,800,000	\$4,800,000
EASTHAM (PF)	7047	Eastham Water System - Phase 2E	\$17,312,449	\$2,312,449
HOLBROOK #(RE)(PF)(EC)	7259	Tri-Town Regional Water Treatment Plant	\$19,904,296	\$3,200,000
LITTLETON (H)	12397	Water Supply Main Extension Littleton/Boxborough	\$19,078,000	\$4,078,000
LYNNFIELD CENTER WATER DISTRICT	7322	Glen Drive WTP & Station 2 Pipeline	\$20,400,000	\$5,400,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	7331	CP-2 NEH Improvements	\$13,640,000	\$1,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	7218	Section 23, 24, 47 Water Mains Rehab	\$26,843,000	\$3,000,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6691	Northern Intermediate High Section 89 Replacement	\$32,619,000	\$6,000,000
NEW BEDFORD (PF)	7172	Quittacas Water Treatment Plant Upgrades	\$27,732,677	\$2,732,677
RANDOLPH #(RE)(PF)(EC)	7260	Tri-Town Regional Water Treatment Plant	\$39,780,862	\$6,800,000
RAYNHAM CENTER WATER DISTRICT (PF)	11390	PFAS Water Treatment Plants	\$23,500,000	\$8,500,000
SCITUATE (H)	7348	Surface Water Treatment Plant	\$51,426,500	\$10,000,000
SHARON (RE)	12443	Wells 2 & 4 Water Treatment Plant	\$35,863,710	\$10,000,000
SPRINGFIELD WATER AND SEWER COMMISSION (PF)(RE)(W)	12550	Replacement of Water Treatment Plant – Phase 2B	\$285,126,600	\$10,000,000
TOWNSEND (PF)(EC)	6964	PFAS Water Treatment Improvements	\$20,916,000	\$6,016,000
WEBSTER (PF)	10380	PFAS Water Treatment Plants	\$33,000,000	\$10,000,000
WOBURN (PF)	12538	Horn Pond Water Treatment Plant PFAS Removal	\$18,990,000	\$3,990,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS			\$781,075,777	\$112,759,126

(Count: 19)

TOTAL OF FINAL INTENDED USE PLAN**\$1,299,507,541** **\$503,622,990**

TABLE 2
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2024 DWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	Grant Amount	Loan Amount
91	WESTFIELD	16755	Water Asset Management Plan	\$250,000	\$150,000	
89	HOLYOKE	16672	Water Asset Management Plan	\$81,250	\$48,750	
89*	HADLEY	16858	Hadley Drinking Water Asset Management Plan	\$155,000	\$93,000	
84	HINGHAM (H)	16837	Water System Infrastructure Mapping	\$250,000	\$150,000	
82*	EGREMONT	16820	Egremont Drinking Water Asset Management Plan	\$100,000	\$60,000	
77	WILBRAHAM	16767	Wilbraham Drinking Water Asset Management Plan	\$250,000	\$150,000	
77	SOMERSET	16771	Somerset WTP Asset Management Plan	\$86,300	\$51,780	\$19,720
76*	FREETOWN	16841	Water System Infrastructure Mapping	\$205,400	\$123,240	
76	ORLEANS (H)	16766	Orleans Asset Management Plan Updates	\$60,000	\$36,000	
75*	WARREN WATER DISTRICT	16772	Warren Water District Drinking Water AMP	\$150,000	\$90,000	\$30,000
73	SALEM/BEVERLY WATER SUPPLY BOARD (H)	16721	Asset Management and Sustainability Master Plan	\$250,000	\$150,000	
70	BELMONT	16860	Asset Management Planning	\$109,625	\$65,775	
66	BREWSTER	16879	Brewster Water - Capital Improvement Program	\$327,066	\$150,000	
64*	LEE	16806	Drinking Water Asset Management Plan	\$199,299	\$119,579	
59*	ORANGE	16804	Water Asset Management Plan	\$182,525	\$109,515	
59	WEST SPRINGFIELD	16824	Water SCADA Improvements	\$298,800	\$150,000	\$148,800
58*	HATFIELD	16809	Water Asset Management Plan	\$171,287	\$102,772	
53*	BONDSVILLE FIRE AND WATER DISTRICT	16832	Bondsville Asset Management	\$56,735	\$34,041	
44*	DEERFIELD FIRE DISTRICT	16812	Asset Management Plan	\$76,440	\$45,864	
39	WESTON	16708	Weston Drinking Water Asset Management Plan	\$250,000	\$150,000	

TOTAL OF ASSET MANAGEMENT PLANNING PROJECTS	\$3,509,727	\$2,030,316	\$198,520
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(Count: 20)

TOTAL OF PROJECT PRIORITY LIST	\$3,509,727	\$2,030,316	\$198,520
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* - small systems

I. BACKGROUND

The Federal Safe Drinking Water Act Amendments of 1996 authorized the award of Base Capitalization Grants for states to create individual DWSRF loan programs. These programs provide state-administered subsidized loans to finance publicly and privately owned community water supply projects. Under the DWSRF program, states provide a 20% match to the federal Base Capitalization Grant to create the loan fund. Projects to be financed are selected using a priority ranking system based upon protection of public health and improved compliance together with affordability.

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

Pursuant to the applicable provisions of the Federal Safe Drinking Water Act Amendments of 1996, Chapter 78 of the Acts of 1998, and 310 CMR 45.00, MassDEP has developed its Calendar Year 2024 Intended Use Plan/Project Priority List (IUP/PPL), with its attendant ranking of drinking water projects, as noted in Table 3. A project must appear on the PPL and the IUP Project Listing to receive financial assistance under the DWSRF Loan program.

This IUP includes \$503 million in financing and describes Massachusetts' intended uses for all funds available in the DWSRF program for calendar year 2024. It includes the projects that Massachusetts expects to provide financial assistance to and an overview of how the Commonwealth will comply with federally mandated requirements. To ensure communities continue to protect the health of our residents while maintaining low costs for consumers, the Commonwealth is pleased to offer subsidized financing to our water suppliers for projects in this IUP that remove PFAS from drinking water. In doing so, the Commonwealth reserves its rights to assert claims and causes of action to recover funds from third parties, including product manufacturers, otherwise responsible for the PFAS contamination impacting the Commonwealth's drinking water, groundwater, surface waters or environment in any manner.

This IUP contains 20 AMP projects, totaling \$3.5 million. These communities will receive 60% of the project cost, up to \$150,000, as a grant from the Trust, totaling \$2 million. The remaining project costs are to be funded by local contributions of cash and/or 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 DWSRF will be eligible for loans at 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 PFAS mitigation and LSL replacement may be eligible for 0% interest loans. A determination by MassDEP will be made as to the eligibility for 0% interest rate loans before the loan is permanently financed and put into repayment. The standard term for construction 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 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 web site at: <https://www.mass.gov/state-revolving-fund-srf-loan-program>.

II. CALENDAR YEAR 2024 PROJECT FINANCING

In calendar year 2024, MassDEP expects to finance 31 new construction projects and 19 carryover projects totaling approximately \$503 million. Included in this amount is a \$5 million emergency reserve to finance unanticipated problems of acute public health concern that may arise during the year, an additional \$10 million to finance planning projects and PFAS design costs, \$10 million to fund a LSL planning grant program, and \$25 million to finance LSL replacement projects. Table 1 is the list of projects being offered financing for calendar year 2024 and 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.

Massachusetts expects to be awarded \$10.6 million from the DWSRF Base Grant, plus a combined \$99.45 million in supplemental funds, from the United States Environmental Protection Agency (USEPA) to fund the DWSRF for 2024. Following are some of the more notable DWSRF program components and requirements:

A. Additional Subsidy

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%	6.6%
2	60% or greater, but less than 80%	13.2%
3	Less than 60%	19.8%

For PFAS projects in Disadvantaged Communities appearing on the 2024 IUP, the loan forgiveness percentages will be set as listed below. The change in the loan forgiveness percentages is due to the increased demand for PFAS projects coupled with increasing costs associated with those projects. PFAS projects will continue to receive 0% interest rate loans, which equates to a 20% subsidy when compared to the SRF’s standard 2% interest rate loan.

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.

For purposes of the BIL, Massachusetts is expanding the Trust’s existing three-tiered affordability based Disadvantaged Community program for the DWSRF to include “*Environmentally Disadvantaged Community*” designation for eligible projects, as determined by MassDEP, under the following criteria:

- An Environmentally Disadvantaged Community is a public water supplier that has lead in the water supply and/or lead service lines in the system.
- That designation as an Environmentally Disadvantaged Community for a particular year will confer eligibility for additional subsidy provided only with funds made available by the BIL for eligible projects on that year’s IUP that MassDEP has identified as mitigating the environmental factors detailed above. This designation will not confer eligibility for additional subsidy on any other projects by such Environmentally Disadvantaged Community.
- The definition and designation of Environmentally Disadvantaged Communities shall be retroactive to the effective date of the BIL thus MassDEP is amending the calendar years 2022 and 2023 DWSRF IUPs.
- An Environmentally Disadvantaged Community is not eligible to receive loan forgiveness through the Disadvantaged Community tiered designation described above in addition to the Environmental Disadvantaged Community designation.

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 or PFAS design are not eligible for loan forgiveness.*

In addition to meeting the affordability criteria, under 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 5 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 PFAS mitigation 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. Applicant Cap

The Massachusetts SRF regulations (310 CMR 45) place a limit on any one proponent receiving any more than 25% 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 \$15 million for the 2024 financing period. MassDEP 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.

D. Small Systems

Congress requires that 15% of the total amount of DWSRF funds be dedicated to Small Systems, i.e., drinking water systems serving fewer than 10,000 customers. The total DWSRF funds expected to be available for 2024 is \$503 million. Fifteen percent of that amount is \$75.45 million. The IUP list contains 11 small system projects totaling approximately \$99 million, which exceeds the 15% requirement. Therefore, Massachusetts expects to meet this requirement.

E. Set-Aside Activities

Congress allows states to apply set-asides from the DWSRF Capitalization and BIL Supplemental DWSRF grants, to provide management of the program and technical assistance to PWS. MassDEP's objectives for DWSRF set-aside activities are included as Appendix A. For FY 2024, these set-aside activities include funds that will be earmarked for issues involving small water supply systems, local assistance for wellhead protection, capacity implementation, and program management and administration. Appendix A details how MassDEP intends to utilize these set-aside funds in FY 2024 to implement the federal Safe Drinking Water Act.

III. SHORT- AND LONG-TERM GOALS

The following are the goals that Massachusetts has set for its DWSRF:

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.
- Assist PWS with complying with the Lead and Copper Rule Revisions with a program to fund the development of materials inventories and finance LSL replacement projects.
- To safeguard public health, prioritize and incentivize projects that remediate PFAS or lead in drinking water.
- Finance eligible projects addressing unanticipated problems of acute public health concern that arise during the year and constitute an imminent public health threat.
- Implement assistance programs for small and very small private PWS that may need additional assistance with complying with the requirements of the Safe Drinking Water Act.
- 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.
- Provide and promote assistance to PWS with complying with Lead and Copper Rule Revisions requirements by providing incentives made available through BIL funds.
- Ensure that water treatment projects financed through the SRF fully consider cost-effective energy efficiency measures and/or renewable energy strategies.
- Assist public water suppliers to finance projects to address the impact of climate change and resiliency concerns on the safe and continuous operation of the utility. Through its

[Hazard Mitigation and Climate Adaptation Plan](#), the Commonwealth is encouraging resiliency and climate adaptation in the design and construction of water infrastructure.

- Promote systematic Asset Management Planning for drinking water utilities to achieve long-term sustainability, implementable climate change mitigation and resiliency measures, and deliver consistent service in a cost-efficient manner.
- Ensure that small PWS can participate in the SRF program by providing additional assistance.
- Promote public engagement and program transparency by publishing informative and readily accessible program materials and reports.

IV. ALLOCATION OF FUNDS

A. Criteria and Method for Distribution of Funds

Massachusetts rates projects using the Commonwealth's priority ranking system. The criteria used to rank potential projects can be found on the MassDEP website at <http://www.mass.gov/eea/agencies/massdep/water/grants/state-revolving-fund.html>. The ranking system is reviewed annually to reflect changing priorities at MassDEP. The criteria emphasize the nature of the public health problem that the project will address compliance with the Safe Drinking Water Act, project affordability, the extent to which the project is consistent with regional or watershed wide plans, and the extent to which the project qualifies as a Green Project. Green Projects are those that minimize greenhouse gas emissions and energy use.

Once all project proposals have been rated and ranked, the PPL is developed (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 for financing, projects must meet state and federal eligibility requirements, must be ready to proceed during the financing period, must have appropriated local funds necessary to finance the entire project, and have a MassDEP approved planning element. An approvable planning element can be a Project Evaluation Report, Integrated Water Resource Management Plan, or other MassDEP sanctioned planning document. Projects proposing to replace LSLs must ensure that lines will be replaced to the users' meters to preserve priority ranking. Furthermore, no community can receive financial assistance unless it can demonstrate that it has adequate technical, financial, and managerial capacity, as approved by MassDEP. Eligibility includes consistency with the assurances described in this document and the requirements contained within MassDEP's financial assistance regulations.

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. 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 to provide emergency financing, or for project cost increases to other projects approved previously. Replacement projects or project funding increases are subject to availability of funds. If complete loan applications are not received by MassDEP by **October 11, 2024**, the project will be automatically considered for bypassing.

The Trust and MassDEP will not add projects to the PPL/IUP beyond those that may qualify for emergency assistance, planning, PFAS design, or LSL replacement 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 or grant recipient's drinking water project to receive financial assistance from the Trust, the project must meet eligibility guidelines. Such eligible projects include, but are not limited to:

- Projects to address or prevent violation of public health standards, including projects to come into or maintain compliance.
- Projects to replace aging infrastructure, if such projects are needed to maintain compliance or further public health goals and requirements, including projects to rehabilitate or develop sources to replace contaminated sources, install or upgrade treatment or storage facilities, and install or replace transmission and distribution pipes to prevent contamination or improve water pressure to safe levels.
- Projects to consolidate and/or restructure a public water system.
- 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 in the loan and to 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 will be financed during this funding period due to the high demand for construction financing. MassDEP may limit the SRF loan for PFAS design to 10% of the total estimated cost of the construction project. PFAS mitigation construction projects on this IUP and the 2022 and 2023 IUPs are eligible to finance design costs (PFAS design is a line item of the construction loan application).

All projects on the IUP are eligible for 2% interest rate loans. Certain projects that are primarily for PFAS mitigation or LSL replacements are eligible for 0% interest loans. A determination will be made as to the eligibility for 0% interest loans before loans are permanently financed and put into repayment.

V. FINANCIAL MANAGEMENT

A. Source of State Match

Based on the anticipated 2024 DWSRF Base Grant of \$10.6 million from USEPA, the required 20% state match equals \$2.1 million. In addition, it is estimated that for 2024, Massachusetts will receive \$49.35 million for the BIL Supplemental DWSRF Grant. The required 20% state match equals \$9.87 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 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 issuances. All fee income is DWSRF program income. The Trust's Administrative Account is expected to fund the 10% state management set-aside for both the DWSRF Base Grant and the DWSRF Supplemental Grant. Use of those funds is detailed in the attached Set-Aside plan in Appendix A.

C. Program Administration

The Commonwealth intends to use the full 4% of the federal Base and BIL Supplemental Grant funds for administrative support of activities related to the DWSRF. Use of those funds is detailed in the DWSRF Grant Application that the Trust files each year with the USEPA and in the attached Set-Aside plan in Appendix A.

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 DWSRF Base Grant to be transferred between the CWSRF and DWSRF Base Grant.

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 is expected to 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 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 is expected to transfer \$5.29 million of CWSRF Emerging Contaminant supplemental funds to the DWSRF Emerging Contaminant program (nearly 33% of the DWSRF Emerging Contaminant grant amount). This transfer will not adversely impact the CWSRF project financing in the CWSRF 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 DWSRF 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 \$503 million of DWSRF eligible projects.

G. Additional Subsidy and the Disadvantaged Communities Program

As is required in federal law applicable to the 2024 DWSRF Base Grant, 26% of the grant amount shall be provided as additional subsidy, but no more than 35%, to Disadvantaged Communities, provided eligible applicants exist. In the 2024 DWSRF IUP, Massachusetts intends to award a minimum of \$2.8 million of the Base Grant in additional subsidy to eligible projects. In addition, Massachusetts expects to receive \$49.35 million for the BIL Supplemental DWSRF Grant, \$33.7 million for the LSL Replacement Grant, and \$16.4 million for the Emerging Contaminants Grant, focusing on PFAS. Each of these grants requires that Massachusetts provide a portion of the funding as loan forgiveness. The Supplemental DWSRF Grant requires that \$24.18 million, or 49% of the total grant, be provided as loan forgiveness to Disadvantaged Communities. The LSL Replacement Grant requires that \$16.51 million, or 49% of the total grant, be provided as loan forgiveness to Environmentally Disadvantaged Communities (Environmentally Disadvantaged Communities is defined in Section II.A). The Emerging Contaminants Grant requires that the full amount of the grant, \$16.4 million be provided as loan forgiveness and that at least 25% of the grant be provided to Disadvantaged Communities.

VI. 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 DWSRF.

Title XIV of the Federal Safe Drinking Water Act Amendments of 1996 and subsequent regulations and guidance require that the Commonwealth certify compliance with or acceptance of a number of conditions. These include compliance with the applicable provisions of s. 1452, State Revolving Loan Fund, as follows:

- **Environmental Reviews:** DWSRF borrowers are required to meet the standards of the National Environmental Policy Act (NEPA) or a state equivalent. Some projects, owing to their relatively minor environmental impacts, if any, do not trip the threshold of the Massachusetts Environmental Policy Act (MEPA) and are therefore not subject to the rigorous environmental review process set forth in MEPA. The Commonwealth reasons that these projects are categorically exempt from the NEPA review process as well. A planning level review of each of the eligible projects concludes that since these projects almost uniformly are the upgrade or rehabilitation of existing infrastructure, most will not usually require MEPA review. A final determination of project relevancy under MEPA cannot be made until the preliminary design phase of work is complete on each project.
- **Binding Commitments:** The DWSRF will enter binding commitments for 120 percent of each quarterly grant payment within one year of receipt of the payment.
- **Expeditious and Timely Expenditures:** The DWSRF will expend all funds in the DWSRF in a timely manner.
- **Set-Aside Programs.** The Commonwealth will conduct set-aside activities consistent with the plan provided as Appendix A to this document.

B. Federal Requirements

A number of federal requirements apply to DWSRF 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](#))
- 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.
- American Iron and Steel (all construction projects)
- Build America, Buy America (BABA) Act

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.

In addition, the Safe Drinking Water Act requires that states meet specific mandates or risk losing a portion of their federal grant. Failure to implement a Capacity Development Program and/or Operator Certification Program that are at least as stringent as the federal guidelines will result in a state losing up to 20% of their Base Grant each year. MassDEP will comply with the capacity development authority, capacity development strategy, and operator certification program provisions.

C. Davis-Bacon Wage Rates

The USEPA's appropriation bill requires the application of Davis-Bacon prevailing wage rates to all drinking water projects funded in whole or in part by the DWSRF. 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

On November 15, 2021, the Bipartisan Infrastructure Law made the AIS procurement requirements permanent for all DWSRF construction projects going forward. Furthermore, with the inclusion of the Build America, Buy America Act (BABA), BIL extends this procurement requirement to DWSRF construction 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.

VII. 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 four additional projects from the PPL to the IUP.

TABLE 3
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2024 DWSRF Project Priority List

NEW PROJECTS

Rating	Applicant	PWSID	Pop.	SRF ID	Project	Project Cost
543	SCITUATE (H)(D)	4264000	19760	16714	Surface Water Treatment Plant	\$0
536	DEDHAM-WESTWOOD WATER DISTRICT (RE)(EC)	3073000	41630	16739	DWWD - White Lodge WTP PFAS Treatment	\$8,300,000
534	CHELMSFORD WATER DISTRICT (H)(EC)	3056000	28750	16698	Chelmsford WD PFAS Treatment	\$43,000,000
531 *	GROTON (RE)(EC)#	2115000	5229	16819	Groton Water System Expansion	\$12,801,200
531	SOMERSET (PF)	4273000	18303	16842	Booster Pump Station & High Service Area Rehab	\$2,000,000
531	FOXBOROUGH (D)	4099000	18618	16866	Chestnut Street WTP Improvements	\$0
530	BARNSTABLE (H)(PF)(EC)(SG)	4020004	35000	16849	Straightway & Hyannisport PFAS Treatment Facility	\$36,000,000
530	MANSFIELD (H)(EC)	4167000	23783	16856	Dustin-Prescott PFAS Treatment and Wells	\$8,591,200
530	ATTLEBORO (PF)(EC)(BG)	4016000	46461	16764	Wading River Water Treatment Plant	\$35,181,000
529	EASTON (H)(EC)	4088000	23112	16722	Red Mill Road WTP PFAS Upgrade	\$4,000,000
529	MATTAPOISETT RIVER VALLEY WATER DISTRICT	4173001	29600	16692	MRVWD Water Treatment Plant Upgrades	\$5,005,000
528	WESTFORD (H)(EC)(SG)	3330000	18112	16749	Forge Village&Nutting Road PFAS Treatment Upgrades	\$23,000,000
528	ABINGTON-ROCKLAND JOINT WATER WORKS (PF)(EC)(D)	4001000	34952	16867	Hannigan and Myers Avenue WTP PFAS Treatment	\$0
527	UXBRIDGE (PF)(EC)	2304000	11254	16738	Blackstone Water Treatment Plant	\$14,900,000
526	AUBURN WATER DISTRICT (PF)(EC)(SG)	2017000	11763	16699	Arsenic and PFAS Removal WTP for South Street Well	\$12,240,000
526	GRAFTON WATER DISTRICT (H)(EC)(BG)	2110000	10925	16765	East St. and Worcester St. PFAS Treatment Upgrades	\$23,000,000
525 *	EAST BROOKFIELD (PF)(D)	2084000	1526	16861	West Street Fe and Mn WTP	\$0
525	NEW BEDFORD (PF)(LR)	4201000	101079	16863	Lead Service Line Replacement Program - Phase III	\$30,800,000
524	MIDDLEBOROUGH (H)(PF)(EC)	4182000	16900	16735	East Grove Street Water Treatment Plant	\$18,500,000
524	SHREWSBURY (H)(EC)	2271000	38325	16836	Home Farm WTP PFAS Treatment Upgrades	\$18,500,000
523	FRANKLIN (H)(RE)(EC)	2101000	33723	16730	Franklin Hayward St. WTP Improvements	\$25,696,000
523 *	MILLIS (H)(PF)(EC)	2187000	8729	16822	Village Street Water Treatment Plant PFAS Upgrades	\$7,093,100
522 *	LUNENBURG WATER DISTRICT (PF)(EC)	2162000	7145	16845	Hickory Hills Water Filtration Plant	\$14,900,000

521	BELLINGHAM (H)(PF)(EC)(SG)	2025000	16628	16813	PFAS Treatment at Hartford Avenue WTP	\$21,570,000
520 *	GROVELAND (PF)(EC)(SG)	3116000	6326	16746	Wells 1, 3 & 4 Water Treatment Plant	\$22,314,900
520 *	PLAINVILLE (H)(EC)(BG)	4238000	8894	16848	Turnpike Lake PFAS Water Treatment Plant	\$25,806,000
518 *	WEST BRIDGEWATER (PF)	4322000	7668	16700	Cyr Street and Norman Avenue Fe/Mn Treatment	\$10,760,000
516 *	SOUTH GRAFTON WATER DISTRICT (H)(EC)	2110001	3242	16825	PFAS Treatment Plant for Wells #2 and #3	\$4,200,000
516	STOUGHTON (H)(PF)(EC)	4285000	29281	16843	Pratts Court WTP Improvements	\$4,415,000
515	NORWOOD (PF)#	4220000	28284	16783	Bellevue Water Tanks Replacement	\$13,976,950
513 *	AQUARION WATER COMPANY OF MASSACHUSETTS – DOVER (EC)	3078006	1815	16840	Francis Street Treatment Facilities	\$8,155,000
512	EVERETT (H)(PF)(LR)	3093000	49075	16793	Everett Lead Service Line Replacement Phase 4	\$2,381,000
456	BROCKTON (H)(PF)	4044000	105643	16741	Aquaria Desalination Plant	\$57,000,000
453	FITCHBURG (PF)	2097000	41946	16859	Meetinghouse Gatehouse Rehabilitation	\$4,440,000
444 *	BONDSDVILLE FIRE AND WATER DISTRICT (PF)#	1227002	1429	16831	Bondsville Water Storage Tank Replacement	\$3,350,900
441	NEW BEDFORD (PF)	4201000	101079	16869	Highway Bridge Crossing Replacement Project	\$6,300,000
437	LOWELL (H)(PF)	3160000	115554	16713	Finished Water Redundancy & Electrical Upgrades	\$16,460,000
433 *	PINE VALLEY PLANTATION	1024002	600	16830	Pine Valley Plantation Water System Replacement	\$6,014,514
431 *	THREE RIVERS FIRE DISTRICT (PF)#	1227003	3258	16707	Water Storage Tanks Mitigation and Restoration	\$1,980,000
430	IPSWICH	3144000	13809	16680	Ipswich Water Treatment Plant	\$26,000,000
430 *	HADLEY (PF)(RE)	1117002	4980	16734	Mount Warner Well Rehabilitation	\$11,240,000
429	NEWBURYPORT (H)	3206000	20335	16681	Newburyport PFAS Treatment System	\$19,795,700
425	NORTHAMPTON (H)(PF)#	1214000	29571	16701	FPR Dam and WWR Dam Rehabilitation Project	\$6,603,091
425	NEWBURYPORT (H)	3206000	20335	16814	Indian Hill Pump Station and Raw Water Main	\$29,530,000
423	OAK BLUFFS (PF)	4221000	24000	16679	Well Station 1 Treatment Upgrades	\$5,800,000
423	DUXBURY	4082000	16445	16815	Depot and Tremont Water Treatment Facility	\$30,292,380
418 *	TOPSFIELD #	3298000	5435	16719	Boston Street Tank Replacement	\$3,000,000
417 *	AYER (H)(PF)	2019000	8479	16682	Grove Pond WTP PFAS Treatment System Improvements	\$2,495,000
416 *	LINCOLN (H)	3157000	5593	16685	Bedford Road & Lincoln Road Water Main Replacement	\$9,056,250
409 *	MANCHESTER-BY-THE-SEA	3166000	5261	16881	Plum Hill MBTS	\$3,324,138
316	BARNSTABLE (H)(PF)	4020004	35000	16757	Longview Drive Area Pipe Replacement Project	\$4,475,000

309	WHITMAN (PF)	4338000	14471	16675	Water Main Improvements	\$3,715,250
308 *	WEST BROOKFIELD (PF)	2323000	2477	16838	Leland Road Pump Station Upgrade	\$6,240,000
241	MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	16817	CP-1 Section 53 Connection Construction	\$63,255,500
236	BROCKTON (H)(PF)	4044000	105643	16744	Water Transmission Main Replacement-Phase 2	\$11,300,000
234	FALL RIVER (PF)	4095000	94000	16750	Fluoridation Replacement & Instrumentation Upgrade	\$1,109,100
228	FALL RIVER (PF)	4095000	94000	16723	2024 Water Main Replacement	\$4,287,335
222	BILLERICA (H)(PF)#	3031000	42119	16686	Crosby Hill Storage Tank Replacement	\$7,061,400
222	FRANKLIN (H)	2110000	10925	16731	Hillside Tanks No. 1 and No. 2 Replacement	\$8,019,000
221	SCITUATE (H)	4264000	19760	16684	Dolan Wellfield and Raw Water Main Construction	\$10,868,660
220	HOLYOKE (PF)	1137000	40124	16673	Phase 3A Elm Street Area Water Replacement Project	\$3,200,000
219 *	AQUARION WATER COMPANY OF MASSACHUSETTS - MILLBURY (H)(PF)	2186000	9553	16827	Jacques Wells Water Treatment Facility	\$7,775,000
219	WRENTHAM (H)	4350000	10889	16770	Phase I Water System Improvements	\$4,749,000
216 *	COHASSET	4065000	7554	16852	Water Treatment Plant Residuals Management	\$2,823,000
215 *	PEPPERELL (PF)	2232000	8800	16740	PFAS Plan for Pepperell, MA	\$23,000,000
214	HAVERHILL (PF)	3128000	60174	16768	Locke Street Area Water Main Replacement - Phase 2	\$9,914,000
212	MIDDLEBOROUGH (H)(PF)	4182000	16900	16878	Water Main Replacement including Lead Services	\$5,930,000
212 *	AVON (PF)	4018000	4777	16818	East Main Street and Glendower WM Project	\$3,103,000
212	BILLERICA (H)(PF)	3031000	42119	16821	Phase 1 Water Main Replacement	\$8,880,300

TOTAL OF NEW PROJECTS

\$889,473,868

(Count: 69)

(Average Rating: 420.61)

* - Small System

(BG) - Base Capitalization Grant

(D) - Dropped by Applicant

(EC) - BIL DWSRF Emerging Contaminants Grant

(H) - Housing Choice Communities

(LR) - BIL DWSRF Lead Service Line Replacement Grant

(PF) - Disadvantaged Community

(RE) - Potential Renewable Energy Projects

(SG) - BIL DWSRF 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>)

MassDEP PRIORITY PROJECTS

Applicant	SRF ID	Project	Project Cost
EMERGENCY SRF SET-ASIDE	2978		\$5,000,000
LEAD SERVICE LINE REPLACEMENT SRF SET-ASIDE	16595		\$35,000,000
PLANNING SRF SET-ASIDE	13574		\$10,000,000
TOTAL OF MassDEP PRIORITY PROJECTS			\$50,000,000

(Count: 3)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	PWSID	Pop.	SRF ID	Project	Project Cost
AMHERST (PF)(H)#	1008000	37819	7036	Centennial Water Treatment Plant Replacement	\$19,930,000
BRAINTREE #(RE)(PF)(EC)	4040002	25	7258	Tri-Town Regional Water Treatment Plant	\$55,212,683
CHATHAM	4055000	30000	12457	Training Field Road PFAS Water Treatment Plant	\$19,800,000
EASTHAM (PF)	4086095	4904	7047	Eastham Water System - Phase 2E	\$17,312,449
HOLBROOK #(RE)(PF)(EC)	4040002	25	7259	Tri-Town Regional Water Treatment Plant	\$19,904,296
LITTLETON (H)	2158000	9561	12397	Water Supply Main Extension Littleton/Boxborough	\$19,078,000
LYNNFIELD CENTER WATER DISTRICT	3164000	8263	7322	Glen Drive WTP & Station 2 Pipeline	\$20,400,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	7331	CP-2 NEH Improvements	\$13,640,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	7218	Section 23, 24, 47 Water Mains Rehab	\$26,843,000
MASSACHUSETTS WATER RESOURCES AUTHORITY	6000000	2550000	6691	Northern Intermediate High Section 89 Replacement	\$32,619,000
NEW BEDFORD (PF)	4201000	95072	7172	Quittacas Water Treatment Plant Upgrades	\$27,732,677
RANDOLPH #(RE)(PF)(EC)	4040002	25	7260	Tri-Town Regional Water Treatment Plant	\$39,780,862
RAYNHAM CENTER WATER DISTRICT (PF)	4245000		11390	PFAS Water Treatment Plants	\$23,500,000
SCITUATE (H)	4264000	19760	7348	Surface Water Treatment Plant	\$51,426,500
SHARON (RE)	4266000	16262	12443	Wells 2 & 4 Water Treatment Plant	\$35,863,710
SPRINGFIELD WATER AND SEWER COMMISSION (PF)(RE)(W)	1281000	170211	12550	Replacement of Water Treatment Plant – Phase 2B	\$285,126,600
TOWNSEND (PF)(EC)	2299000	6500	6964	PFAS Water Treatment Improvements	\$20,916,000
WEBSTER (PF)	2316000	17776	10380	PFAS Water Treatment Plants	\$33,000,000
WOBBURN (PF)	3347000	40876	12538	Horn Pond Water Treatment Plant PFAS Removal	\$18,990,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS					\$781,075,777

(Count: 19)

TOTAL OF PROJECT PRIORITY LIST**\$1,720,549,645**

TABLE 4
DRINKING WATER STATE REVOLVING FUND
Calendar Year 2024 DWSRF ASSET MANAGEMENT PLANNING PROJECTS

ASSET MANAGEMENT PLANNING PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost
91	WESTFIELD	16755	Water Asset Management Plan	\$250,000
89	HOLYOKE	16672	Water Asset Management Plan	\$81,250
89 *	HADLEY	16858	Hadley Drinking Water Asset Management Plan	\$155,000
84	HINGHAM (H)	16837	Water System Infrastructure Mapping	\$250,000
82 *	EGREMONT	16820	Egremont Drinking Water Asset Management Plan	\$100,000
77	WILBRAHAM	16767	Wilbraham Drinking Water Asset Management Plan	\$250,000
77	SOMERSET	16771	Somerset WTP Asset Management Plan	\$86,300
76 *	FREETOWN	16841	Water System Infrastructure Mapping	\$205,400
76	ORLEANS (H)	16766	Orleans Asset Management Plan Updates	\$60,000
75 *	WARREN WATER DISTRICT	16772	Warren Water District Drinking Water AMP	\$150,000
73	SALEM/BEVERLY WATER SUPPLY BOARD (H)	16721	Asset Management and Sustainability Master Plan	\$250,000
70	BELMONT	16860	Asset Management Planning	\$109,625
66	BREWSTER	16879	Brewster Water - Capital Improvement Program	\$327,066
64 *	LEE	16806	Drinking Water Asset Management Plan	\$199,299
59 *	ORANGE	16804	Water Asset Management Plan	\$182,525
59	WEST SPRINGFIELD	16824	Water SCADA Improvements	\$298,800
58 *	HATFIELD	16809	Water Asset Management Plan	\$171,287
53 *	BONDSVILLE FIRE AND WATER DISTRICT	16832	Bondsville Asset Management	\$56,735
44 *	DEERFIELD FIRE DISTRICT	16812	Asset Management Plan	\$76,440
39	WESTON	16708	Weston Drinking Water Asset Management Plan	\$250,000
TOTAL OF ASSET MANAGEMENT PLANNING PROJECTS				\$3,509,727

(Count: 20)

TOTAL OF PROJECT PRIORITY LIST **\$3,509,727**

* - small systems

APPENDIX A – Base, Supplemental and Lead Service Line Grants

DRINKING WATER

STATE REVOLVING FUND(**DWSRF**)

2024 Intended Use Plan Set-asides for Base, Supplemental, and Lead Service Line Grants

Funds Authorized Under the Federal
Safe Drinking Water Act

Information on Set-asides DWSRF Grant

The Commonwealth of Massachusetts plans to set aside \$2,226,420 (21% of \$10,602,000 - 2024 Grant Amount) of the Capitalization Grant for various non-construction related activities that are authorized in the Safe Drinking Water Act Amendments of 1996. These activities are often vital to water systems so that they can develop and maintain the financial, technical, and managerial capacity to run their system effectively. A portion of the set-aside money will be used to develop and implement programs within state government necessary to implement the DWSRF and the SDWA Amendments of 1996.

The SDWA provides guidance for a variety of uses of the set-aside money. The set-aside money will be placed in separate accounts outside the Project Fund. The SDWA allows for transfers between the set-aside accounts and are the current best estimates of the funds required to complete the programs and projects described in the IUP. Transfers of funds between accounts and projects in accordance with EPA requirements will be made as necessary to accomplish the programs and projects described and efficiently and effectively use the available funds. The SDWA limits the percentage of the capitalization grant that can be used in each of these set-asides and whether the set-aside funds can be “banked” or reserved for future use.

I. 4% DWSRF ADMINISTRATION – 2 FTEs

MassDEP anticipates applying for the full 4% (\$424,080) from the 2024 DWSRF Base Grant for DWSRF Program Administration. These funds will be combined with any remaining prior year funds in order to provide comprehensive DWSRF program assistance. Duties will include (but not be limited to):

A. MANAGE DWSRF COORDINATION of projects and liaison with the Massachusetts Clean Water Trust.

B. OVERSEE ADMINISTRATION AND MANAGEMENT of the DWSRF Priority List/Intended Use Plan process and fiscal administrative aspects of the set-asides, such as grant application and fiscal reporting, and coordinate with the Drinking Water Program regarding the set-asides.

C. SUPPORT, CONDUCT, AND ANALYZE SRF PROJECT APPLICATIONS AND PROJECT REVIEWS

4% Set-Aside Deliverables

Coordination of all DWP Source Protection and Technical Services Activities Set-Aside IUP and Work Plan Sections that Reflect Drinking Water Program Needs and Priorities Oversight of DWSRF Loans and Grants

4% Set-Aside Measures of Success

Drinking Water Source Protection and Technical Services Section activities that support Drinking Water Program goals and priorities and are coordinated with the DWSRF Set-Aside activities achieve stated deliverables and measures of success that are consonant with Drinking Water Program objectives.

Award of loans and grants in a timely manner.

II. 2% FOR SMALL SYSTEMS SET-ASIDE- 1 FTE

MassDEP anticipates applying for the full 2% set-aside (\$212,040) from the 2024 DWSRF Base Grant for small systems technical assistance. These funds will be dedicated to staffing the support of the SDWA compliance. In providing technical assistance in support of Small System Capacity Development. FTEs will continue to be provided in the region to follow up with individual small systems on specific compliance issues and other system operation issues.

2% Set-Aside Deliverables:

- On-site training and support to Public Water Suppliers.
- Perform TNC compliance assistance sanitary surveys and provide Groundwater Under the Influence evaluations.
- Technical assistance given to targeted systems that have specific SDWA treatment compliance issues
- Technical assistance to public water systems on GWR.
- Reviews of technical reports related to water supply technology and analysis.
- Technical reviews of state initiatives such as disinfection byproduct treatment or groundwater disinfection.
- Supervision of technical staff and training programs for suppliers.
- Technical reviews of major water quality projects and public health data.
- Information for the public and for water suppliers on major water quality problems.
- Seminars on SDWA Topics.
- Establishment and operation of mentoring groups.
- Training sessions (with credits) providing Certified Operator Training.

2% Set-Aside Measures of Success:

- Compliance issues are successfully addressed in the targeted systems.
- Completion of planned capacity sanitary survey visits.
- Effective technical assistance given as scheduled.

Each group seminar will be followed by an evaluation form to be filled out by participants to assess the efficacy of the seminar. Evaluation of the results will be considered as part of the contract assistance, and provided to the MassDEP staff responsible for implementing training initiatives and reporting on Capacity Development, for their assessment and future planning. Evaluation of all training and assistance will consider the success of recruiting recalcitrant and high-priority systems.

- Reports reviewed as scheduled.

III. 10% FOR STATE PROGRAM MANAGEMENT

MassDEP anticipates utilizing the 10% set-aside to fund project loans. Furthermore, MassDEP reserves its authority to bank the balance of funds so they may be used in the future.

IV. 15% -SOURCE WATER PROTECTION AND CAPACITY DEVELOPMENT – 8.5 FTEs

MassDEP anticipates applying for the full 15% (\$1,590,300) from the 2024 DWSRF Base Grant for Source Water Protection and Capacity Development. The authorized activities under this set-aside can include: land acquisition and conservation easement program, source water protection, wellhead protection, and technical and financial capacity implementation.

A. WELLHEAD PROTECTION AND CAPACITY IMPLEMENTATION-8.5 FTEs

- Assist with source protection program activities related to groundwater sources, as well as operation of the UIC program (a.k.a. “Underground Source Water Protection Program”). Ensure consistency of this work among regions; coordinate with GIS and Internet programs; coordinate with other MassDEP programs; investigate available data for usefulness to groundwater protection; and develop relevant policies and procedures.
- Develop and maintain spatial data related to public water sources and potential contamination threats. Work with regional staff and resources to locate regulated facilities including locating information in files and making site visits to collect location information. Assist with GIS management.
- Assist in Zone II delineation (and re-delineation as needed) and other wellhead protection-related work.
- Provide technical assistance on source protection to public water suppliers and local officials, and assist with the source water assessment program and with protection of groundwater sources from contamination by septic systems. This includes providing system-specific protection recommendations.
- In accordance with the Capacity Strategy, provide technical assistance in implementing capacity development, including the ability to provide adequate quantities of source water. Provide Capacity Outreach.
- Provide assistance, primarily with protection of groundwater sources.

15% Set-Aside Deliverables

- UIC program operating under State Primacy
- Spatial data, maps.
- Zone II Reviews
- On-Site training and support to water suppliers
- UIC tracking and reports
- Outreach materials, technical assistance meetings, training for regions, and bylaw reviews.
- Implementation of water conservation capacity improvement grant program.
- Implementation of Capacity Development program.
- Implementation of the Source Water Protection program.
- Plan for implementation of the Lead and Copper Rule Revisions (LCRR)

15% Set-Aside Measures of Success:

- Improved source protection for ground water sources at state and local levels
- GIS databases are properly reviewed and maintained
- Reviews are conducted in a timely manner

- Contract oversight is effective
- Technical Assistance is appropriate and timely and leads to improved source and aquifer protection in the systems visited
- Methods to assure capacity to deliver adequate quantities of drinking water are developed
- Program goals meet MassDEP objectives
- Improved protection at the local level

2024 IUP –Drinking Water Base Grant Set-Asides Budget Grant Amount \$10,602,000

	Set-Asides				
	4% Admin	2% Small System	10% State Program	15% Local Asst	Total Set Asides
Salary	\$423,232	\$205,130	\$0	\$1,585,096	\$2,213,458
Travel	\$0	\$4,000	\$0	\$3,000	\$7,000
Supplies	\$848	\$2,910	\$0	\$2,204	\$5,962
Equipment	\$0	\$0	\$0	\$0	\$0
Total	\$424,080	\$212,040	\$0	\$1,590,300	\$2,226,420

Information on Supplemental DWSRF Grant Set-asides

The Commonwealth of Massachusetts plans to set aside \$4,461,000 of the Supplemental DWSRF Grant for various non-construction related activities that are authorized in the Safe Drinking Water Act Amendments of 1996.

I. 4% DWSRF ADMINISTRATION – 9.5 FTEs

MassDEP anticipates applying for \$1,974,000 from the 2024 DWSRF Supplement Grant for DWSRF Program Administration. These funds will be combined with any remaining prior year funds in order to provide comprehensive DWSRF program assistance.

Duties may include (but not be limited to):

A. MANAGE DWSRF COORDINATION of projects and liaison with the Massachusetts Clean Water Trust

B. OVERSEE ADMINISTRATION AND MANAGEMENT of the DWSRF Priority List/Intended Use Plan process and fiscal administrative aspects of the set-asides, such as grant application

and fiscal reporting, and coordinate with the Drinking Water Program in regard to the set-asides.

C. SUPPORT, CONDUCT, AND ANALYZE DWSRF PROJECT APPLICATIONS AND PROJECT REVIEWS

4% Set-Aside Deliverables

- Coordination of all DWP Source Protection and Technical Services Activities
- Set-Aside IUP and Work Plan Sections that Reflect Drinking Water Program Needs and Priorities Oversight of DWSRF Loans and Grants

4% Set-Aside Measures of Success

- Drinking Water Source Protection and Technical Services Section activities that support Drinking Water Program goals and priorities and are coordinated with the DWSRF
- Set-Aside activities achieve stated deliverables and measures of success that are consistent with Drinking Water Program objectives.
- Award of loans and grants in a timely manner

II. 2% FOR SMALL SYSTEMS SET-ASIDE- 2 FTEs

MassDEP anticipates applying for \$987,000 from the 2024 DWSRF Supplemental Grant for small systems technical assistance. These funds will be combined with any remaining prior year funds in order to provide comprehensive technical assistance to small public water systems.

Duties may include (but not limited to):

A. STAFFING TO SUPPORT SAFE DRINKING WATER ACT COMPLIANCE (2 FTEs)

In providing technical assistance in support of Small System Capacity Development. FTEs will continue to be provided in the region to follow up with individual small systems on specific compliance issues and other system operation issues.

B. CONTRACTED SERVICES

Technical Assistance and Training

MassDEP will fund a contractor(s) to provide a variety of direct technical, financial, and managerial assistance to small drinking water system. Priority given to disadvantaged communities. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations and creating an environment of transparency with the DWP Data. The proposed activities may include (but not be limited to): Asset management planning, engineering assistance and evaluations, loan application assistance, emergency response, cyber security, leak detection and well identification. Trainings may include Very Small System Operator Training, Cyber Security, Annual Statistical Reporting, Emerging Contaminants, Cross Connection Control, Opening and Closing a Seasonal System, Regulatory Updates, pump and motor maintenance, rate setting, disinfection, sampling, and exam review. Trainings must meet the requirements established by Division of Licensure (DOL) and can include classroom, self-guided and on-line.

Assistance for Small Community Water Systems and Non-Transient, Non-Community Systems – Cybersecurity Planning Program

MassDEP will use these set-aside funds to contract with a qualified technical assistance provider to complete the following eligible cybersecurity projects working with the PWS:

- Sanitary survey support and technical training: Assist in the cybersecurity component of sanitary surveys at public water systems (for example, review of emergency response plans, cybersecurity assessment reports, and development of Cyber Security Corrective Action Plan) and conduct technical trainings, as needed.
- Cybersecurity assessment implementation: Assist public water systems implement recommendations from an approved cybersecurity assessment.

MassDEP's technical assistance program will support the goal of supporting the cybersecurity of public water systems. This program will be managed and operated by MassDEP's Drinking Water Program.

All activities are subject to change and are dependent upon the availability of funding.

2% Set-Aside Deliverables:

- On-site training and support to Public Water Suppliers.
- Perform TNC compliance assistance sanitary surveys and provide Groundwater Under the Influence evaluations.
- Technical assistance given to targeted systems that have specific SDWA treatment compliance issues
- Technical assistance to public water systems on GWR.
- Reviews of technical reports related to water supply technology and analysis.
- Technical reviews of state initiatives such as disinfection byproduct treatment or groundwater disinfection.
- Supervision of technical staff and training programs for suppliers.
- Technical reviews of major water quality projects and public health data.
- Information for the public and for water suppliers on major water quality problems.
- Seminars on SDWA Topics.
- Establishment and operation of mentoring groups.
- Training sessions (with credits) providing Certified Operator Training.

2% Set-Aside Measures of Success:

- Compliance issues are successfully addressed in the targeted systems.
- Completion of planned capacity sanitary survey visits.
- Effective technical assistance given as scheduled.
- Each group seminar will be followed by an evaluation form to be filled out by participants to assess the efficacy of the seminar. Evaluation of the results will be considered as part of the contract assistance, and provided to the MassDEP staff responsible for implementing training initiatives and reporting on Capacity Development, for their assessment and future planning. Evaluation of all training and assistance will consider the success of recruiting recalcitrant and high-priority systems.
- Reports reviewed as scheduled.

III. 10% FOR STATE PROGRAM MANAGEMENT

MassDEP anticipates utilizing the 10% set-aside to fund project loans. Furthermore, MassDEP reserves its authority to bank the balance of funds so they may be used in the future.

IV. 15% -SOURCE WATER PROTECTION AND CAPACITY DEVELOPMENT – 5.75 FTEs

MassDEP anticipates applying for \$1,500,000 from the 2024 DWSRF Supplemental Grant for Source Water Protection and Capacity Development. The authorized activities under this set-aside can include: land acquisition and conservation easement program, source water protection, wellhead protection and technical and financial capacity implementation. Furthermore, MassDEP reserves its authority to bank the balance of funds so they may be used in the future.

A. WELLHEAD PROTECTION AND CAPACITY IMPLEMENTATION

- Assist with source protection program activities related to groundwater sources, as well as operation of the UIC program (a.k.a. “Underground Source Water Protection Program”). Ensure consistency of this work among regions; coordinate with GIS and Internet programs; coordinate with other MassDEP programs; investigate available data for usefulness to groundwater protection; and develop relevant policies and procedures.
- Develop and maintain spatial data related to public water sources and potential contamination threats. Work with regional staff and resources to locate regulated facilities including locating information in files and making site visits to collect location information. Assist with GIS management.
- Assist in Zone II delineation (and re-delineation as needed) and other wellhead protection-related work.
- Provide technical assistance on source protection to public water suppliers and local officials, and assist with the source water assessment program and with protection of groundwater sources from contamination by septic systems. This includes providing system-specific protection recommendations.
- In accordance with the Capacity Strategy, provide technical assistance in implementing capacity development, including the ability to provide adequate quantities of source water. Provide Capacity Outreach.
- Provide assistance, primarily with protection of groundwater sources.

B. CONTRACTED SERVICES – Statewide Well Location Parcel Matching

MassDEP will fund a contractor(s) to continue work associated with well completion report parcel matching and spatial data improvements to well locations in Massachusetts. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations in protecting the groundwater quality in the Commonwealth by acquiring as many accurate locations as possible for the 200,000+ wells currently housed in the Well Driller database. All activities are subject to change and are dependent upon the availability of funding.

C. CONTRACTED SERVICES – Hydrogeological Services

MassDEP will fund a contractor(s) to continue work associated with assisting the Drinking Water Program with SDWA source approval/ hydrogeologic reviews. Activities will focus on the Safe Drinking Water Act requirements and Massachusetts Drinking Water Regulations in protecting the groundwater quality and quantity in the Commonwealth by reviewing the hydrogeologic components of New Source Approvals, Zone II delineations, Groundwater Discharge Permits near Public Water Supplies, and potential contamination threats to Public Water Supplies. All activities are subject to change and are dependent upon the availability of funding.

15% Set-Aside Deliverables

- UIC program operating under State Primacy
- Spatial data, maps.
- Zone II Reviews
- On-Site training and support to water suppliers
- UIC tracking and reports
- Outreach materials, technical assistance meetings, training for regions, and bylaw reviews.
- Implementation of water conservation capacity improvement grant program.
- Implementation of Capacity Development program.
- Implementation of the Source Water Protection program.
- Plan for implementation of the Lead and Copper Rule Revisions (LCRR)

15% Set-Aside Measures of Success:

- Improved source protection for ground water sources at state and local levels
- GIS databases are properly reviewed and maintained
- Reviews are conducted in a timely manner
- Contract oversight is effective
- Technical Assistance is appropriate and timely and leads to improved source and aquifer protection in the systems visited
- Methods to assure capacity to deliver adequate quantities of drinking water are developed
- Program goals meet MassDEP objectives
- Improved protection at the local level

**2024 IUP – Drinking Water Supplemental Grant Set-Asides Budget
Grant Amount: \$49,350,000**

	Set-Asides				Total Set Asides
	4% Admin	2% Small System	10% State Program	15% Local Asst	
Salary	\$1,971,775	\$505,977	\$0	\$1,294,420	\$3,772,172
Travel	\$1,500	\$3,000	\$0	\$4,500	\$9,000
Supplies	\$725	\$1,266	\$0	\$2,856	\$4,847
Equipment	\$0	\$0	\$0	\$0	\$0
Contracts	\$0	\$476,757	\$0	\$198,224	\$674,981
Total	\$1,974,000	\$987,000	\$0	\$1,500,000	\$4,461,000

Information on Set-asides – Lead Service Line DWSRF Grant

The Commonwealth of Massachusetts plans to use \$10,447,000 (31% of \$33,700,000) of the Lead Service Line DWSRF Grant's set-aside funding to support activities that are authorized in the Safe Drinking Water Act Amendments of 1996. The 4%, 2%, 10%, and 10% of the 15% set-aside funds will be allocated to provide loan forgiveness to eligible borrowers.

On July 1, 2022, the Commonwealth began accepting SRF grant applications for planning activities that assist public water suppliers with completing planning projects for lead service line inventories and replacement programs. The Lead Service Line (LSL) Planning Grant Program will follow all SRF program requirements.

I. 4% DWSRF ADMINISTRATION SET-ASIDE

MassDEP plans to apply for the full 4%, \$1,348,000, to allocate to the LSL Planning Grant Program.

II. 2% FOR SMALL SYSTEMS SET-ASIDE

MassDEP plans to apply for the full 2%, \$674,000, to allocate to the LSL Planning Grant Program.

III. 10% FOR STATE PROGRAM MANAGEMENT SET-ASIDE

MassDEP plans to apply for the full 10%, \$3,370,000, to allocate to the LSL Planning Grant Program.

IV. 15% -SOURCE WATER PROTECTION AND CAPACITY DEVELOPMENT and LOCAL ASSISTANCE

MassDEP plans to apply for the full 15%, \$5,055,000, to allocate 10% to the LSL grant program and the remainder to:

- Contracted services to assist small community systems and non-transient, non-community systems with the Lead Service Line Planning Program
- Consumer confidence report assistance, adoption and implementation of the Lead and Copper Rule Revisions and Lead and Copper Rule Improvements, source water assessments and protection, planning, outreach, data management, compliance supervision and other drinking water program activities.

2024 IUP - Lead Service Line Replacement Grant Set-Asides Budget

Grant Amount: \$33,700,000

	Set-Asides				
	4% Admin	2% Small System	10% State Program	15% Source Water Protection & Local Assistance	Total
LSL Planning Grant Program	\$1,348,000	\$674,000	\$3,370,000	\$3,370,000	\$8,762,000
Drinking Water Program Support				\$1,011,000	\$1,011,000
Contract				\$674,000	\$674,000
Total	\$1,348,000	\$674,000	\$3,370,000	\$5,055,000	\$10,447,000