



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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December 31, 2014

To All Interested Parties:

The Massachusetts Department of Environmental Protection (MassDEP) is pleased to present the Final 2015 Intended Use Plan (IUP), which details the projects, borrowers and amounts that will be financed through the Clean Water State Revolving Fund (CWSRF) loan program. The CWSRF is a joint federal-state financing loan program that provides subsidized interest rate loans to improve or protect water quality in the Commonwealth.

As noted in Table 1, Massachusetts is offering approximately \$400.3 million to finance clean water projects across the Commonwealth. Approximately \$357.6 million will fund 27 new construction projects and an additional \$12.8 million will be allocated towards funding 7 previously approved multi-year projects. \$2 million has been allocated to the emergency set-aside account, and \$5 million will be directed to the Community Septic Management Program to remediate failed septic systems in participating communities. An additional \$10.4 million will fund 14 planning projects. MassDEP also is placing an anaerobic digester project deemed a high priority by the MassDEP on the 2015 IUP. Approximately half the cost of this \$24.9 million project proposed by the Greater Lawrence Sanitary District will be allocated in 2015 while the remainder of the funding will be carried-over to 2016.

While Congress has not enacted the 2015 federal budget, based on trends from prior years' appropriations, MassDEP expects to receive an estimated \$47.6 million federal grant to subsidize the CWSRF program. Last year, the Congress required at least 10% of the federal grant be used to fund "green infrastructure". MassDEP expects a similar requirement for 2015. The 2015 Final IUP lists 7 new "green infrastructure" construction projects. The exact monetary value of these projects will be determined when project applications are submitted.

In its 2014 SRF allocation, Congress also required states to use a portion of the CWSRF grant (30% of the national grant in excess of \$1B-effectively about 15.7%) towards additional project subsidy for communities that might otherwise be unable to afford to undertake the project. MassDEP expects a similar requirement for its 2015 SRF grant, and has proposed to allocate that share (approximately \$2.6 million) of its federal grant to subsidize renewable energy generation projects and to fund projects in the Environmental Justice Communities recognized by the

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Commonwealth (http://www.mass.gov/mgis/ej_statewide.pdf) and defined by EEA as communities with median household income (MHI) less than 65% of the state MHI. The additional funds will be distributed in a pro-rated share to all of the proponents meeting either criteria and who execute a construction contract on or before April 30, 2016.

Section 302 of the 1996 Safe Drinking Water Act Amendments allows states the flexibility to move some funds between the Clean and the Drinking Water SRF programs, to better address specific state priorities. CW IUP capacity is frequently sufficient to allow Massachusetts to finance all of the Clean Water projects that request financing in a given year. On the Drinking Water side, generally one third to one half of the projects go unfunded each year. Transferring a limited amount of funds from CWSRF to DWSRF this year and in the future will help to modestly increase the capacity of the DWSRF and reduce this imbalance in our ability to provide financing. Therefore, Massachusetts will transfer funds from the CWSRF to the DWSRF program in the estimated amount of \$5.4 million (33% of the anticipated 2015 DW grant amount of \$16.4 million). These will be recycled funds freed up from the repayment of previous loans.

The Project Priority List (PPL) of the Final IUP is presented in Table 2. The PPL lists by ranking, all of the proposals that MassDEP received in the 2015 solicitation. The IUP is the subset of the PPL selected to receive financing offers.

MassDEP appreciates the efforts that proponents invested in the development of applications. We know that significant effort goes into every application, and appreciate your efforts to enhance and protect the quality of waters of the Commonwealth.

Sincerely,

Steve McCurdy, Director
MassDEP Division Municipal Services

I. Introduction

The Federal Water Quality Act of 1987 established a program of capitalization grants to the States to create Clean Water State Revolving Fund (CWSRF) loan programs. These programs provide state-administered below market rate financing for the construction of publicly owned water pollution abatement facilities and implementation of non-point source management projects. Under the CWSRF program, States provide a 20% match to the federal capitalization grant to create the loan fund. Projects to be financed are selected using a priority ranking system based upon the public health and environmental protection benefits of the proposed projects.

The CWSRF is jointly administered by the Massachusetts Department of Environmental Protection (MassDEP) and the Massachusetts Clean Water Trust (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 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 2015 Intended Use Plan/Project Priority List (IUP/PPL), with its attendant ranking of water pollution abatement projects. In order for a project to receive financial assistance under the State Revolving Fund Loan program, that project must appear on the Project Priority List and the Intended Use Plan Project Listing.

This Final IUP includes approximately \$400.3 million in financing offers to 14 new planning projects, 27 new construction projects and 7 multi-phased carry-over projects continuing from prior years. The 2015 Final IUP also includes \$5 million for the Community Septic Management Program and \$2 million for an Emergency Set-A-Side. The IUP is a required element of the process to request the Federal Fiscal Year 2015 Capitalization Grant. The amount of the 2015 capitalization grant to Massachusetts is currently unknown, but for the purposes of this plan, it has been assumed to be equal to the 2014 grant. This IUP describes Massachusetts' intended uses for all funds available in the CWSRF program for 2015, including the projects that Massachusetts expects to provide financial assistance to in calendar year 2015 and an overview of how the state will comply with federally mandated requirements.

All new projects receiving financial assistance from the CWSRF will be eligible for loans at 2% interest. The Commonwealth subsidizes these loans, funding the spread between market interest rates and the 2% loan. This subsidy, so-called Contract Assistance, will continue to be allotted to the SRF programs in this and upcoming budget cycles. Certain projects, whose primary purpose is nutrient reduction, may be eligible for 0% interest rate loans, if they meet specific statutory requirements. MassDEP will review all submitted information to determine the project(s)' eligibility for the reduced rate financing prior to committing to permanent financing.

To be considered for funding priority, communities must have appropriated the necessary local project funds or have committed to a schedule to obtain those funds by June 30, 2015. Also, complete applications must be submitted to MassDEP at the earliest possible time, but not later than October 15, 2015. A complete application must contain the local funding authorization and the required supporting documentation. Any project not meeting these deadlines will be removed from the IUP Project Listing. Projects offered financing that do not advance, may be replaced by the highest ranked project on the Project Priority List that is ready to proceed.

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

II. Calendar Year 2015 Project Funding

In 2015, MassDEP expects to finance 27 new construction projects, 7 carryover projects, and 14 planning projects totaling approximately \$400.3 million. Included in this amount is a \$2 million emergency reserve to finance unanticipated problems of acute public health concern that may arise during the year. A \$5 million allocation to the Community Septic Management Program is also proposed. Table 1 is the funding list for 2015 and Table 2 is the extended Project Priority List.

Congress has not yet passed legislation funding the CWSRF for 2015. Draft legislation has been filed that includes varying amounts of funding and differing program conditions. For the purposes of this IUP, MassDEP is assuming that the capitalization grant for 2015 will be the same as 2014 and include the same program conditions. The following are some of the more notable requirements applicable to the CWSRF program:

a. Additional Subsidy

The 2014 appropriation required that a minimum of 20% of the federal grant amount over \$1 billion be applied towards additional subsidy. MassDEP expects a similar requirement for 2015. MassDEP is limited by state law to distribute only the minimum required additional subsidy. For 2015 that amount is estimated at \$2.6 million. Massachusetts provides the subsidy in the form of principal forgiveness towards projects in certain Environment Justice communities and for renewable energy generation projects.

MassDEP gives priority for additional subsidy in the form of Principal Forgiveness to communities with below average Median Household Income (MHI) as identified by the EOEEA Environmental Justice Program based on the Commonwealth's listing of Environmental Justice communities (http://www.mass.gov/mgis/ej_statewide.pdf). The 2015 Final IUP includes a proposed total expenditure of approximately \$231.6 million for 19 new construction projects in communities within the Commonwealth having Environmental Justice designation(s) listed as below 65% of the State's MHI.

In addition proponents that included renewable energy generation as a component of the project are also eligible for enhanced subsidy. Additional subsidy for renewable energy loans is against the cost of the energy technology and not the total project. The 2015 Final IUP also contains 2 projects with renewable energy components.

Apportionment of the additional subsidy funding will be distributed over construction contracts that are executed by April 30, 2016. Award will be based on a prorated share of the total eligible cost of all of the subsidy-eligible projects that meet the deadline. The April 30, 2016 deadline insures that the subsidy will be used in a timely manner.

b. Green Infrastructure

For 2014, Congress required that at least 10 % of the federal grant be dedicated to Green Infrastructure projects or components as defined by USEPA. MassDEP expects a similar requirement for 2015. For Massachusetts this requires that an estimated \$4.8 million be allocated towards Green Infrastructure projects. For 2015 MassDEP has identified and highlighted 7 projects on the Final IUP that meet EPA guidelines for Green Infrastructure. The total value of "green" components of those projects will be determined when detailed project applications are submitted. MassDEP expects to easily meet the minimum \$4.5 million that EPA requires be allocated towards Green Infrastructure projects.

c. Applicant Cap

The Massachusetts SRF regulations (310 CMR 44) place a limit on any one proponent receiving any more than thirty-three percent of the available funding in a given year. Because of the shortfall of available funding relative to the number of worthwhile projects, and in order to extend financial assistance to as many highly ranked projects as possible, MassDEP is proposing to implement an applicant cap of \$40 million for the 2015 funding period. MassDEP, however, reserves the right to waive the applicant cap limitation if MassDEP determines that one or more projects on the Intended Use Plan Project Listing are not ready to proceed. If the applicant cap is waived, communities may see an increase in financing support for projects not fully funded on the IUP listing.

III. Short and Long Term Goals

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

a. Short Term Goals

- Provide additional subsidy to designated low income Environmental Justice Communities in compliance with Congressional intent for the 2015 SRF allotments;
- Provide enhanced subsidy to projects that include renewable energy components recommended by comprehensive energy audits;
- Finance projects that focus on rehabilitation of wastewater infrastructure that promote sustainable infrastructure and smart growth principles; to include prioritization of regional wastewater management alternatives where appropriate;
- Finance projects to correct combined sewer overflows, including those affecting the Connecticut and Merrimack Rivers, Boston Harbor and Buzzards Bay;
- Finance wastewater treatment projects to address nutrient removal, especially in the Massachusetts Estuaries Program (MEP) areas;
- Utilize the SRF program to provide \$5M in loan assistance for the correction/upgrade of failed septic systems through the Collection Systems, Nonpoint Source, and Community Septic Management Programs;
- Finance studies that encourage comprehensive water resource management planning;
- Perform outreach activities to Clean Water SRF borrowers that identify the focus on and eligibility of energy efficiency/alternative energy projects;
- Reserve \$2.0 million in available program capacity, to finance at MassDEP's discretion unanticipated problems of acute public health concern that may arise during the year. To be financed under this reserve, proposed projects must constitute an imminent environmental or public health threat and otherwise meet MassDEP's applicable criteria.

b. Long Term Goals

- Continue correction of combined sewer overflows (CSO), Sanitary Sewer Overflows (SSO) and inflow/infiltration (I/I) problems, which retain high public health and environmental priority as serious sources of water quality degradation;
- Continue upgrading of secondary treatment to address nutrients;
- Support financing of non-traditional solutions to water quality problems, particularly those caused by stormwater;
- Develop infrastructure projects that promote and support smart growth by concentrating development and avoiding sprawl into green space;

- Ensure that wastewater treatment projects financed through the SRF fully consider cost-effective energy efficiency measures and/or renewable energy strategies;
- Promote investments in nutrient reduction particularly as they affect waterbodies that have established Total Maximum Daily Loads (TMDLs) or those that have been identified through the MEP; and
- Continue financing projects identified in the statewide Nonpoint Source Program.

IV. Allocation of Funds

a. Criteria and Method for Distribution of Funds

Massachusetts rates projects using the Commonwealth’s priority ranking system (see <http://www.mass.gov/eea/agencies/massdep/water/grants/state-revolving-loan-fund-programs.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, the criticality of the resources affected, the environmental benefits of the project, the effectiveness of the project solution, the extent to which the project is consistent with regional or watershed wide plans and the extent to which projects qualify as green projects.

Once all projects have been rated and ranked, the Project Priority List is developed (Table 2). With input from the Trust, MassDEP identifies all of the sources of funds and spending limits, and develops the IUP Project Listing (Table 1).

To be considered for funding, projects must meet State and Federal eligibility requirements, must be ready to proceed during the funding period, must have appropriated local funds necessary to finance the project, and must have a MassDEP-approved planning element. An approvable planning element can be a Project Evaluation Report, Comprehensive Water Resources Management Plan, Long-term 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. Certain projects on the 2015 Project Priority List may have higher priority point totals than the projects on the IUP Project Listing. That occurs because those particular projects on the Project Priority List are not ready to proceed. An important indicator of readiness to proceed is that a project has completed the State Environmental Review Process (SERP).

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.

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 Funding period. Project(s) bypassed will be replaced by the highest ranked priority project(s) on the Project Priority List that are ready to proceed or the funds may be used for cost increases to other projects previously approved. Complete project applications not received by MassDEP by October 15, 2015 will be automatically considered for bypassing.

b. Types of Projects to be Funded and Financing Rates

Any water pollution abatement project of an eligible borrower is eligible to receive financial assistance from the Trust. 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, provided, however, that 85% of the expected wastewater flow into the proposed collection system will 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 Projects; and
- The planning or design for any project in one of the categories identified above.

Costs of construction that MassDEP determines are 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. Although costs for design are eligible, they will not be financed during this funding period due to the high demand for construction funding.

All projects on the Intended Use Plan are eligible for 2% interest rate loans. Certain projects that are primarily for nutrient removal are eligible for 0% rate interest loans (<http://www.mass.gov/eea/agencies/massdep/water/grants/state-revolving-fund.html>. Appendix J). These nutrient removal projects will be evaluated in accordance with 310 CMR 44.04(2) and a determination will be made as to the eligibility for 0% interest loans before the loan is permanently financed.

V. Financial Management

a. Source of State Match

Based on an estimated 2015 federal grant of \$47.6 million, the required 20% state match totals \$9.5 million. These funds are provided to the Trust from the Commonwealth's Capital Plan.

b. Fee Income

The Trust charges approximately \$5.50 per \$1,000 as a loan origination fee to offset the costs incurred during bond issuance. Recipients of SRF loans are charged an annual administrative fee of 0.15% (15 basis points) against the outstanding loan principle to fund salaries and expenses of the Trust and MassDEP related to SRF project development and loan management. As of October 31, 2013, the Trust has approximately \$34.3 million in administrative fees available.

c. Program Administration

The Commonwealth of Massachusetts intends to use the full 4 percent of the Federal capitalization grant funds for administrative support of activities related to the Federal Fund. 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 percent of the state match funds before drawing federal funds. This will ensure that Massachusetts remains in compliance with the required cash draw ratios.

e. Transfer of Funds to the Drinking Water State Revolving Fund (DWSRF)

Section 302 of the 1996 Safe Drinking Water Act Amendments allows states the flexibility to move some funds between the Clean and the Drinking Water SRF programs, to better address specific state priorities. The EPA allows an equivalent of up to 33% of the Drinking Water grant to be transferred between the Clean Water and Drinking Water funds.

CWIUP capacity frequently allows Massachusetts to finance all of the Clean Water projects that request financing in a given year. On the Drinking Water side, generally one third to one half of the projects go unfunded each year. Transferring a limited amount of funds from CWSRF to DWSRF this year and in the future will help to modestly increase the capacity of the DWSRF and reduce this imbalance in our ability to provide financing.

The level of federal grant funding of the MA Drinking Water SRF is insufficient to meet the need for project financing. Therefore, Massachusetts will transfer funds from the CWSRF to the DWSRF program in the estimated amount of \$5.4 million (33% of the anticipated 2015 DW grant amount of \$16.4 million). These will be recycled funds freed up from the repayment of previous loans. The purpose of this transfer is to help increase the capacity of the DWSRF.

This transfer of funds will not result in any changes to the 2015 list of projects. The transfer will be used to increase the capacity of the 2016 IUP.

f. Estimated Sources and Uses

The sources of funds available to the Massachusetts CWSRF include the federal capitalization grant, 20% state match and borrower free-ups. The Trust may leverage these funds up to 3 times. Under this authority, the Trust could finance well in excess of \$400 million of projects; however, the capacity of the program is controlled by the amount of Contract Assistance provided by the Commonwealth. This limiting factor results in the overall size of the 2015 IUP of approximately \$400.3 million, which is below the theoretical capacity limit of the program.

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 between Massachusetts and the USEPA. The Operating Agreement (OA) describes the mutual obligations among EPA, 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:

- 602(a) Environmental Reviews: The CWSRF will conduct environmental reviews according to the State Environmental Review Process developed for the SRF.
- 603(b) (3) Binding Commitments: The CWSRF will enter into binding commitments for 120 percent of each quarterly grant payment within one year of receipt of the payment.
- 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 in an amount equal to the capitalization grant including:

- Single Audit Act (OMB A-133)
- Disadvantaged Business Enterprise compliance (DBE)
- Federal environmental crosscutters
- Federal Funding Accountability and Transparency Act (FFATA) reporting

MassDEP and the Trust will identify the group of projects that must comply with these requirements in the grant application. 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

EPA's FY2014 Appropriations bill requires the application of Davis-Bacon prevailing wage rates to all treatment works projects funded in whole or in part by the CWSRF. 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. Audits and Reporting

MassDEP and the Trust will comply with all of the auditing and reporting requirements of the USEPA. A single audit is conducted annually and reporting to the EPA is done through the Clean Water Benefits Reporting system, the National Information Management System, Annual Report and FFATA reporting.

VII. Public Review and Comment

Notice of the availability of the Draft Calendar Year 2015 IUP/PPL was made on November 7, 2014. A public hearing on the Draft IUP took place on December 10, 2014 at 1:00 PM at the MassDEP offices at One Winter Street, Boston, MA. Written public comments were accepted up until 5:00 PM on December 10, 2014. Records of this meeting will be maintained in the MassDEP files.

TABLE 1
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2015 CWSRF Intended Use Plan

NEW PROJECTS

Rating	Applicant	SRF ID	Project	Project Cost	2015 IUP Cost
141	NEW BEDFORD (EJ)(RE)#	4008	CSO Abatement	\$181,300,000	\$40,000,000
139	GLSD (EJ)#	3965	CSO Abatement Program	\$9,900,000	\$9,900,000
120	NANTUCKET #	4034	Surfside WWTF Improvements	\$8,827,000	\$8,827,000
119	MARION	4005	WW and Drainage System Improvements	\$17,280,000	\$17,280,000
119	WORCESTER (EJ)	3988	Route 20 Sewer	\$20,000,000	\$20,000,000
116	NANTUCKET	4035	Sewer Extension	\$55,752,000	\$28,000,000
115	LOWELL REGIONAL WASTEWATER UTILITY (EJ)#	3976	CSO Phase II	\$32,000,000	\$10,000,000
112	FITCHBURG (EJ)#	3993	Easterly WWTF Upgrade	\$27,383,000	\$27,383,000
112	CHICOPEE (EJ)	3945	Sewer Separation - Area 5 Phase A	\$11,939,000	\$11,939,000
111	WORCESTER (EJ)	3998	Lake Ave Sewer Rehab	\$3,256,000	\$3,256,000
111	MWRA	3979	CSO Phase 16	\$669,970,000	\$26,200,000
107	REVERE (EJ)	3958	Sewer Rehab	\$13,450,000	\$13,450,000
107	REVERE (EJ)	3959	Illicit Connection Removal	\$2,900,000	\$2,900,000
106	LOWELL REGIONAL WASTEWATER UTILITY (EJ)#	3978	WWTF and PS Upgrades	\$11,000,000	\$11,000,000
106	SAUGUS (EJ)	3975	SSO Reduction Subsystem 4	\$1,718,000	\$1,718,000
102	BROCKTON (EJ)	4002	Sewer Rehab	\$1,840,000	\$1,840,000
102	SHREWSBURY	3987	Sewer & PS Improvements	\$3,300,000	\$3,300,000
99	LAWRENCE (EJ)	3964	Sewer Rehab	\$12,808,000	\$12,808,000
99	FRAMINGHAM (EJ)	3962	Pump Station Reconfiguration	\$18,000,000	\$12,000,000
97	GRAFTON (RE)#	3990	WWTP Improvements	\$45,000,000	\$15,000,000
97	HAVERHILL (EJ)	3963	Sewer Rehab	\$4,979,000	\$4,979,000
95	NORWOOD (EJ)	4014	Underdrain Area Sewer Rehab	\$2,700,000	\$2,700,000
93	MFN REGIONAL WASTEWATER DISTRICT	4037	WPCF Upgrades	\$39,010,000	\$20,000,000
93	WORCESTER (EJ)	3999	Sewer Interceptor	\$8,267,000	\$8,267,000
91	MIDDLEBOROUGH (EJ)	4006	WPCF Upgrades	\$28,266,000	\$28,266,000
89	GRANBY	3947	Sewer Expansion	\$7,594,000	\$7,594,000
88	BOSTON WATER AND SEWER COMMISSION (EJ)	3961	Sewer Separation	\$14,644,000	\$9,000,000
TOTAL OF NEW PROJECTS				\$1,253,083,000	\$357,607,000

(Count: 27)

(Average Rating: 106.89)

(EJ) - Environmental Justice Communities

(RE) - Potential Renewable Energy Projects

- Projects contains Energy Efficiency, Renewable Energy, and/or meets EPA's definition of a Green Project
(<http://water.epa.gov/aboutow/eparecovery/index.cfm>)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	SRF ID	Project	Project Cost	2015 IUP Cost
MWRA	3668	Nut Island Headworks Electrical & Conveyor Improv.	\$9,200,000	\$1,500,000
MWRA	3134	Deer Island Treatment Plant Improvements	\$81,559,117	\$100,000
MWRA	2885	Wastewater Treatment Plant and Sewer Improvements	\$48,685,168	\$100,000
MWRA	2870	Electrical Upgrades	\$73,215,641	\$100,000
MWRA #	3543	DITP Electrical and Plant Upgrades	\$51,436,276	\$1,500,000
MWRA #	3542	DITP Digester and Cryogenics Upgrade	\$21,780,000	\$1,500,000
SPRINGFIELD WATER AND SEWER COMMISSION (EJ)	3916	Dickinson Siphon/Main Interceptor Rehab	\$17,880,000	\$8,022,000
TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS			\$303,756,202	\$12,822,000

(Count: 7)

MassDEP PRIORITY PROJECTS

Applicant	SRF ID	Project	Project Cost	2015 IUP Cost
COMMUNITY SEPTIC MANAGEMENT PROGRAM	3850		\$5,000,000	\$5,000,000
EMERGENCY SRF SET-A-SIDE	2977		\$2,000,000	\$2,000,000
GLSD (EJ)(RE)#	3966	Organics to Energy	\$24,895,000	\$12,500,000
TOTAL OF MassDEP PRIORITY PROJECTS			\$31,895,000	\$19,500,000

(Count: 3)

PLANNING PROJECTS

Applicant	SRF ID	Project	Project Cost	2015 IUP Cost
ACUSHNET	4020	CWMP	\$375,000	\$375,000
BROCKTON	4015	Stormwater Management Plan	\$400,000	\$400,000
HAVERHILL	3953	CSO LTCP phase II	\$2,000,000	\$2,000,000
LOWELL REGIONAL WASTEWATER UTILITY	3954	WWTF Capacity Assessment	\$500,000	\$500,000
NANTUCKET	4033	I/I Study	\$225,000	\$225,000
NANTUCKET	4032	Stormwater Master Planning	\$350,000	\$350,000
NEW BEDFORD	4009	IWW and SWP	\$1,000,000	\$1,000,000
NORTHBOROUGH	3994	I/I and SSES	\$430,000	\$430,000
NORWOOD	4013	SSES/SMOM/Stormwater Planning	\$500,000	\$500,000
REVERE	3957	Illicit Connection Detection	\$800,000	\$800,000
REVERE	3956	SSES	\$1,700,000	\$1,700,000
REVERE	3955	FOG Study	\$250,000	\$250,000
RUTLAND	3995	CWMP	\$350,000	\$350,000
UBWPAD	3997	Wet Weather Management and FP Nutrient Upgrade	\$1,500,000	\$1,500,000
TOTAL OF PLANNING PROJECTS			\$10,380,000	\$10,380,000

(Count: 14)

TOTAL OF INTENDED USE PLAN	\$1,599,114,202	\$400,309,000
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**TABLE 2
CLEAN WATER STATE REVOLVING FUND
Calendar Year 2015 CWSRF Project Priority List**

NEW PROJECTS

Rating	Applicant	NPDES/PERMIT	SRF ID	Project	Project Cost
141	NEW BEDFORD (EJ)(RE)#	MA0100781	4008	CSO Abatement	\$181,300,000
139	GLSD (EJ)#	MA0100447	3965	CSO Abatement Program	\$9,900,000
120	NANTUCKET #	GW Discharge	4034	Surfside WWTF Improvements	\$8,827,000
119	MARION	MA0100030	4005	WW and Drainage System Improvements	\$17,280,000
119	WORCESTER (EJ)	MA0102369	3988	Route 20 Sewer	\$20,000,000
116	NANTUCKET	GW Discharge	4035	Sewer Extension	\$55,752,000
115	LOWELL REGIONAL WASTEWATER UTILITY (EJ)#	MA0100633	3976	CSO Phase II	\$32,000,000
112	FITCHBURG (EJ)#	MA0100986	3993	Easterly WWTF Upgrade	\$27,383,000
112	CHICOPEE (EJ)	MA0101508	3945	Sewer Separation - Area 5 Phase A	\$11,939,000
111	MWRA	MA0103284	3979	CSO Phase 16	\$669,970,000
111	WORCESTER (EJ)	MA0102369	3998	Lake Ave Sewer Rehab	\$3,256,000
107	REVERE (EJ)	MA0103284	3959	Illicit Connection Removal	\$2,900,000
107	REVERE (EJ)	MA0103284	3958	Sewer Rehab	\$13,450,000
106	LOWELL REGIONAL WASTEWATER UTILITY (EJ)#	MA0100633	3978	WWTF and PS Upgrades	\$11,000,000
106	SAUGUS (EJ)	MA0100552	3975	SSO Reduction Subsystem 4	\$1,718,000
102	BROCKTON (EJ)	MA0101010	4002	Sewer Rehab	\$1,840,000
102	SHREWSBURY	MA0100412	3987	Sewer & PS Improvements	\$3,300,000
99	LAWRENCE (EJ)	MA0100447	3964	Sewer Rehab	\$12,808,000
99	FRAMINGHAM (EJ)	MA0103284	3962	Pump Station Reconfiguration	\$18,000,000
97	GRAFTON (RE)#	MA0101311	3990	WWTP Improvements	\$45,000,000
97	HAVERHILL (EJ)	MA0101621	3963	Sewer Rehab	\$4,979,000
95	NORWOOD (EJ)	MA0103284	4014	Underdrain Area Sewer Rehab	\$2,700,000
93	WORCESTER (EJ)	MA0102369	3999	Sewer Interceptor	\$8,267,000
93	MFN REGIONAL WASTEWATER DISTRICT	TBD	4037	WPCF Upgrades	\$39,010,000
91	MIDDLEBOROUGH (EJ)	MA0101591	4006	WPCF Upgrades	\$28,266,000
89	GRANBY	MA0100455	3947	Sewer Expansion	\$7,594,000
88	BSWC (EJ)	MA0103284	3961	Sewer Separation	\$14,644,000
82	BROCKTON (EJ)	MA0101010	4000	AWRF Nutrient Removal Upgrade	\$7,300,000
82	GREAT BARRINGTON (EJ)#	MA0101524	3948	WWTF Upgrades & Sewer Improvements	\$4,300,000
80	HOLDEN	MA0102369	3991	PS Upgrades	\$1,513,000
79	NORTON	MA0100897	4004	Sewer Extensions	\$12,826,000
71	CHICOPEE (EJ)#	MA0101508	3946	WWTP Upgrades	\$9,156,500
69	CARVER	TBD	4003	Carver Public Schools WWTF	\$964,000
69	TYNGSBOROUGH	MA0100633	3968	Sewer Extension Phase 2	\$9,669,000

69	TYNGSBOROUGH	MA0100633	3967 Sewer Extension Phase 1	\$8,834,000
65	MFN REGIONAL WASTEWATER TBD DISTRICT		4036 Landfill Closure	\$1,400,000
64	MWRA	MA0100404	3982 Clinton WWTP Phosphorous Removal	\$6,333,800
63	NORTHBOROUGH #	MA0100480	3992 PS Rehab	\$1,195,000
62	LWSC (EJ)	MA0100552	3977 WWTP Incinerator Upgrade & Chlorine Gas Conversion	\$6,390,000
62	BILLERICA #	MA0101711	3960 Sewer Contract 36 & Salem Rd Upgrades	\$16,413,000
54	MWRA	MA0103284	3981 Remote Headworks Upgrade	\$166,760,000
48	MWRA	MA0103284	3980 Caruso Pump Station	\$2,679,050
45	GARDNER (EJ)	MA0100994	3989 WWTP Upgrade	\$23,000,000
43	QUINCY (EJ)#	MA0103284	3974 PS Renovation	\$4,000,000
TOTAL OF NEW PROJECTS				\$1,535,816,350

(Count: 44)

(Average Rating: 90.75)

(EJ) - Environmental Justice Communities

(RE) - Potential Renewable Energy Projects

- Projects contains Energy Efficiency, Renewable Energy, and/or meets EPA's definition of a Green Project (<http://water.epa.gov/aboutow/eparecovery/index.cfm>)

MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS

Applicant	NPDES/PERMIT	SRF ID Project	Project Cost
MWRA	MA0103284	3668 Nut Island Headworks Electrical & Conveyor Improv.	\$9,200,000
MWRA	MA0103284	3134 Deer Island Treatment Plant Improvements	\$81,559,117
MWRA	MA0103284	2885 Wastewater Treatment Plant and Sewer Improvements	\$48,685,168
MWRA	MA0103284	2870 Electrical Upgrades	\$73,215,641
MWRA #	MA0103284	3543 DITP Electrical and Plant Upgrades	\$51,436,276
MWRA #	MA0103284	3542 DITP Digester and Cryogenics Upgrade	\$21,780,000
SPRINGFIELD WATER AND SEWER COMMISSION (EJ)	MA0101613	3916 Dickinson Siphon/Main Interceptor Rehab	\$17,880,000

TOTAL OF MULTI-YEAR CARRYOVER AND STATUTORY PROJECTS **\$303,756,202**

(Count: 7)

MassDEP PRIORITY PROJECTS

Applicant	NPDES/PERMIT	SRF ID Project	Project Cost
COMMUNITY SEPTIC MANAGEMENT PROGRAM	N/A	3850	\$5,000,000
EMERGENCY SRF SET-A-SIDE	N/A	2977	\$2,000,000
GLSD (EJ)(RE)#	MA0100447	3966 Organics to Energy	\$24,895,000

TOTAL OF MassDEP PRIORITY PROJECTS **\$31,895,000**

(Count: 3)

PLANNING PROJECTS

Applicant	SRF ID Project	Project Cost
ACUSHNET	4020 CWMP	\$375,000
BROCKTON	4015 Stormwater Management Plan	\$400,000
HAVERHILL	3953 CSO LTCP phase II	\$2,000,000
LOWELL REGIONAL	3954 WWTF Capacity Assessment	\$500,000

WASTEWATER UTILITY		
NANTUCKET	4033 I/I Study	\$225,000
NANTUCKET	4032 Stormwater Master Planning	\$350,000
NEW BEDFORD	4009 IWW and SWP	\$1,000,000
NORTHBOROUGH	3994 I/I and SSES	\$430,000
NORWOOD	4013 SSES/SMOM/Stormwater Planning	\$500,000
REVERE	3957 Illicit Connection Detection	\$800,000
REVERE	3956 SSES	\$1,700,000
REVERE	3955 FOG Study	\$250,000
RUTLAND	3995 CWMP	\$350,000
UBWPAD	3997 Wet Weather Management and FP Nutrient Upgrade	\$1,500,000
TOTAL OF PLANNING PROJECTS		\$10,380,000

(Count: 14)

TOTAL OF PROJECT PRIORITY LIST **\$1,881,847,552**