

**VERMONT AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

State FY 2018 Municipal Pollution Control Project Priority List
and Federal FY 2017 Clean Water Intended Use Plan

General Information

1. Project priority points awarded in accordance with the Department's Municipal Pollution Control Priority System are listed on the FY 2018 Pollution Control Project Priority List.
2. Priority points on the Project Priority List or 'P-List' for future years do indicate the priority in which construction projects will be funded. Whether all construction projects ready to proceed in a particular year will be funded depends on the amount of funds allocated to the program by the Vermont legislature and through the federal capitalization grant for the Clean Water State/EPA Revolving Loan Fund (CWSRF). Planning projects are not funded in order of their priority, but rather at a rate necessary to bring sufficient projects to the implementation phase to use all of the anticipated grant and loan funds each year.
3. Appearance of projects on the Project Priority List indicates eligibility for funding assuming all other requirements are met. The dollar amounts may change from those listed as project cost changes affect the pro-rating of available grant amounts.
4. The Discharge Permits for all municipal wastewater facilities will be reviewed for requirements which might result in infrastructure projects over the next five years, and may be included on the appropriate year Project List.

PRELIMINARY AND FINAL DESIGN ENGINEERING PLANNING LIST ABBREVIATIONS AND NOTATIONS

The Project Priority List uses abbreviations to identify project types. These abbreviations are listed, defined and described below.

“REF” stands for **refurbishment**. A refurbishment is a remodel or reconstruction that does not include a hydraulic or biological loading increase.

“CSO” stands for **combined sewer overflow** abatement projects at locations determined by the Secretary. Combined sewers carry both wastewater and stormwater and become hydraulically overloaded during rainfall events. This results in overflows to surface waters that are in violation of state and federal standards.

“DWF” represents **dry weather flow** projects. These are projects which abate pollution that occurs during dry weather periods, when systems are not stressed by rainfall events (see CSO discussion). Examples include the construction of a collection system and new treatment facility to eliminate direct discharges to surface waters, or the extension of a sewerage system to collect the flows from failing septic tank or leach field systems and convey them to an existing treatment facility, or nutrient upgrade at existing wastewater treatment facilities.

“UPG” stands for **upgrade** of current facilities to handle increased wastewater flows resulting from municipal growth or biological capacity. These projects receive relatively low priority.

“OTH” stands for **other**, and represents projects that do not neatly fit into the primary categories.

“NPS” stands for **nonpoint source**.

“SEWEX” stands for **sewer extension**.

“SW” stands for **stormwater**. This includes treatment, conveyance, or storage projects.

VERMONT
CLEAN WATER INTENDED USE PLAN
FEDERAL FISCAL YEAR 2017 FUNDS

May 5, 2017

A. Introduction

Vermont sends to the U.S. Environmental Protection Agency (EPA), as part of its annual application for a Clean Water Capitalization Grant under Title VI of the Water Quality Act of 1987 (the Act), a Clean Water Intended Use Plan (CWIUP) to meet the requirements of Section 606(c) of the Act and the Clean Water Capitalization Grant Agreement. The CWIUP serves as the planning document to explain how each fiscal year's appropriation for the Vermont – EPA Clean Water State Revolving Fund (CWSRF) will be used.

B. Short Term Goals and Objectives

- (1) To provide local government with low cost financial assistance.
- (2) To coordinate NPDES permit schedules with anticipated award of CWSRF loans such that projects are brought into preliminary and final planning in time to assure their readiness to proceed to construction when capitalization grant funds become available.
- (3) To provide funding assistance to municipalities seeking to comply with stormwater or wastewater Total Maximum Daily Load (TMDL) permit requirements.
- (4) To develop any rules, guidance or procedures necessary to implement the Vermont - EPA pollution control revolving fund, specifically State-issued guidance for the implementation of Water Resources Reform & Development Act (WRRDA) requirements.
- (5) To coordinate state funded pollution control grant activities for wastewater treatment facilities with activities of the CWSRF.
- (6) To provide effective program management to ensure fiscal integrity of the CWSRF.
- (7) To incentivize planning and final design activities through the use of additional subsidy in

order to develop a queue of high priority, ready-to-proceed projects.

(8) To expedite project development, funding and cash draws.

(9) To address issues raised by US EPA Region One concerning the administration of the CWSRF.

C. Long Term Goals and Objectives

(1) To provide financial assistance to Vermont municipalities to fund the completion of all known enforceable requirements of the Act.

(2) To ensure the fund operates in perpetuity and provides continuing financial assistance to Vermont municipalities for future pollution control and stormwater needs.

(3) To allocate available State grants, in combination with CWSRF loans to assure the most beneficial use of all available funding for water pollution control projects.

D. State Grant Eligibilities

State grants may be available for certain projects in addition to CWSRF loans. Recent Vermont legislation (Act 103, signed May 12, 2016) authorized substantive changes to Vermont's water pollution control grants program. The legislation replaces three grant categories consisting of CSO abatement (grant of up to 25%), dry weather sewage flow abatement (grant of up to 35%), and sludge & septage improvements (grant of up to 50%) with a single, broader category referred to as water pollution abatement and control. This term is statutorily defined to include treatment of stormwater and sewage, groundwater protection and flood resiliency work. The legislation establishes a set of environmental and health based criteria that will be used to determine eligibility and state grant funding up to a maximum of 35%. The legislative changes also broaden eligibility of land acquisition costs. These changes will not take effect until the Municipal Pollution Control Priority System Rule contained in Chapter 2 of the Environmental Protection Rules is amended.

When sufficient state capital funds cannot be secured to cover total project costs, full project funding may come from other funding sources, such as the CWSRF.

E. CWSRF Administration

Although the CWSRF may be used for the refinancing of local debt obligations incurred after March 7, 1985, Vermont has not used the fund in this way, however this is a use that may be considered if the relatively high balance of CWSRF remains and there is compelling justification of a public benefit to be secured. CWSRF loans are currently issued at 0% interest with an administrative fee of up to 2% on construction loans. Fee proceeds are deposited into a dedicated

account separate from the CWSRF account, referred to as the administrative account. In the future, if funds held in the administrative account are in excess of that necessary to fund the state's administration of the CWSRF program, some of those funds may be transferred to the CWSRF account for project funding. Administrative fee income for State FY2018 is projected to be approximately \$1.9 million. Historically, all fees collected were considered to be program income. Currently, the Vermont CWSRF is still using all collected fees as program income, however, this may change in the future. As of October 1, 2014, only fees earned during the grant period from projects directly made available by the capitalization grant (equivalency projects) are program income.

F. CWSRF Capitalization Grants for Federal Fiscal Year 2017 and Future Years

The federal fiscal year 2017 capitalization grant allotment available to Vermont is \$6,625,000 as authorized by the Act. One hundred thousand dollars is allocated to the federal 604b program leaving \$6,525,000 for use as CWSRF loans and administrative costs. The required match is \$1,305,000 which will consist of state capital funds anticipated to be appropriated spring 2017. The Sources and Uses table below assumes the total needed match will be available. Sources of funds and uses are listed below.

Sources

CWSRF Capitalization Grant	\$6,525,000
State Match Needed	1,305,000
Repayments	11,716,340
Carry-Forward	67,561,037
TOTAL	\$87,107,377

Uses

Anticipated Commitments	\$86,707,377
Administrative	400,000
TOTAL	\$87,107,377

The State matching funds will be deposited into the CWSRF prior to the quarter when federal funds are requested. The State is also considering depositing all match funds as they become available at the start of each state fiscal year. The schedule for entering into binding commitments and timing of cash draws is contained on the attached grant application form, see Form 424, pg2. The CWSRF program will continue to comply with the Operating Agreement for Implementing and Managing the State Revolving Fund Program between the State of Vermont and U.S. Environmental Protection Agency, Region I.

G. Criteria and Methods for Distribution of Funds

The Vermont General Assembly enacted Act 75 creating 24 V.S.A. Chapter 120 in the 1987 legislative session, which established Vermont's CWSRF and set out certain priority criteria for the purpose of ranking prospective projects. The Municipal Pollution Control Priority System rule incorporates those criteria in addition to criteria required in federal construction grant regulations 40 CFR Section 35.915.

The Vermont CWSRF initiated operations in fiscal year 1989 and all initial financial assistance activities of the CWSRF have been in the form of loans. Loans will continue to be made in accordance with a project's priority list ranking as noted on the Priority List that is established annually through the Municipal Pollution Control Priority System.

The Pollution Control Project Planning List is intended to show anticipated construction and planning projects for the immediate five-year period inclusive of state fiscal year 2018. Although we anticipate a large volume of projects and requests for funds in state fiscal years 2018 to 2022 which the fund will likely support, a per project cap on the CWSRF loan funds will not likely be needed at this time. Currently there are more available funds than projects requesting funds. As such, there is not an established bypass procedure. However, the fund is anticipated to become competitive in the next IUP cycle (SFY 19). Future IUPs will outline the bypass procedure.

H. Use of Funds for Nonpoint Source Projects

This year, two nonpoint source projects (NSPs) are scheduled to be funded. The two identified NSPs include the City of Burlington's Stormwater Outfall project and Colchester Fire District #2's Mallett's Bay Sewer project.

The City of Burlington's SW Outfall project proposes to provide engineering assessments and prioritized ranking of outfall improvements based on maximum water quality benefits and protection of existing infrastructure, to repair design, delineate outfall subwatersheds and provide H/H modeling for significant outfalls. This project will identify \$2.75 million in outfall improvements resulting in maximum water quality benefit to receiving waters and will prevent erosion.

Colchester FD#2's Malletts Bay Sewer project proposed to construct a new sewer collection system to serve East and West Lakeshore Drive, Goodsell Point, Prim Road, and Heineberg Drive for eventual discharge to the Burlington North Plant.

I. Reallocated Funds between DWSRF to CWSRF

The Safe Drinking Water Act Amendments of 1996 (Section 303) allow the Amendments of 1996 (Section 303) allow a state to transfer up to 33% of the Drinking Water State Revolving Fund

(DWSRF) capitalization grant from the DWSRF to the CWSRF or an equivalent amount from the CWSRF to the DWSRF for each open grant. This transfer is at the Governor's discretion.

In the event funds are reallocated from the DWSRF to the CWSRF, or vice versa, or additional federal funds are made available beyond the anticipated amount, Vermont will advance these funds to the appropriate projects in accordance with this Intended Use Plan, and the Municipal Pollution Control Priority System.

J. Public Participation

Vermont follows public participation procedures in the development of the annual Project Priority List (PPL), the CWIUP and in the environmental review process. The CWIUP is typically developed and adopted annually along with the PPL using the same public participation procedure employed for adoption of the PPL. That procedure is outlined in the Municipal Pollution Control Priority System rule. Vermont implements public participation for specific projects through the environmental review for CWSRF funded projects in accordance with the department's Environmental Review Procedures for projects funded through the Vermont/EPA Revolving Loan Program. This procedure was approved by the EPA Regional Administrator in accordance with the August 2, 1989 CWSRF Operating Agreement between the State of Vermont and the U.S. Environmental Protection Agency, Region I. A summary of the public participation for this IUP is included with this application.

On December 15, 2016, the Department notified municipalities and other interested parties to apply to be included on the Municipal Pollution Control Projects Priority List for State Fiscal Year 2018 with a due date of February 15, 2017 for inclusion in the draft Pollution Priority List. On March 15, 2017, the Department released the draft IUP for public comment and on April 6, 2017 held a public meeting at the Annex in Berlin, Vermont at 10 a.m. This final IUP includes a public responsiveness summary to detail comments made throughout this process.

K. Annual Report

In accordance with the requirements of Section 606(d) of the Act, Vermont will provide EPA with an Annual Report within 90 days of the end of the state fiscal year. The Annual Report contains information on how the state has met the goals and objectives of the previous fiscal year as stated in the IUP and grant agreement. The Annual Report also reviews how well the existing SRF financial operating policies, alone or in combination with other state financial assistance programs, provides for the long term fiscal health of the fund, assists communities to increase local responsibility for compliance, and carries out other provisions specified in the State Clean Water Strategy. The Annual Report also provides information on loan recipients, loan awards/disbursements, and environmental assessment determinations.

The Annual Report will show that the State has completed the following:

- (1) Reviewed all CWSRF funded section 212 projects in accordance with the approved environmental review procedures (section 602(a));
- (2) Deposited its match on or before the date which each quarterly grant payment was made (section 602(b)(2));
- (3) Made binding commitments to provide assistance equal to 120% of the amount of each grant payment within one year after receiving the grant payment (section 602(b)(3)); and
- (4) Expended all funds in an expeditious and timely manner (section 206(b)(4)).

L. Environmental Benefits Reporting & Other Federal Databases

Environmental benefits will be reported using the “CBR” federal on-line reporting system each time a loan is transacted during the fiscal year. This information is now being automatically reported via a data push from an internal database to the CBR website. Reporting to FFATA and NIMS will also be completed.

M. Additional Requirements

All projects receiving federal funds will be required to comply with the requirements of the federal Single Audit Act. All projects, regardless of funding source will need to comply with a NEPA like review, DBE reporting, Davis-Bacon, American Iron and Steel, other new WRRDA requirements (see below), and all other applicable federal crosscutters. Projects will be reported in FFATA until an amount equivalent to the federal grant has been met. It is unknown at this time which projects will be used to meet the equivalency amount.

WRRDA Requirement	Vermont Implementation
A/E services procurement	This is an equivalency requirement. The CWSRF program has issued guidance, samples, FAQ, and a certification to be used by municipalities in order to comply with the A/E Qualifications Based Services (QBS) requirement. In practice, all applicants are required to follow the QBS process, regardless of funding source. For those projects that were in development prior to WRRDA or are otherwise unable to meet this requirement, the State will not report these projects for equivalency purposes. In very limited cases, an applicant may apply for a waiver in which the CWSRF will consider separating out the engineering costs from construction costs. However, the number of projects not following the QBS process will continue to decrease as the goal is 100% QBS

	compliance.
GAAP compliance	Loan agreements include this requirement
30 Year loan terms or useful life	State statute has been changed to allow the extension of loan terms up to 30 years. The determination of a project qualifying for a term of 30 years is made during FED Design Section review and is tied to the useful life of the majority of the assets.
Fiscal sustainability plan (FSP)	<p>The CWSRF Program has issued guidance, a sample FSP Table, and a certification form in order to comply with this requirement.</p> <p>The municipality can certify that they currently have and implement an FSP with the funding application or develop a plan parallel with project construction. If the municipality needs to develop an FSP, this requirement will be written into the loan agreement and certification of an FSP must be made prior to final construction loan disbursement.</p>
Cost and effectiveness, and water/energy efficiency of project	CWSRF has implemented a C&E process that partners with the statewide energy utility, Efficiency Vermont (EVT). EVT is notified when a loan agreement is executed and they contact the applicant directly to offer consultation. Biannual coordination meetings are scheduled with EVT and the program is currently seeking joint marketing opportunities to leverage their grant funds with CWSRF to promote more green and energy efficient projects. The Vermont CWSRF Program has created a certification form and a draft standard operating procedure for the C&E requirement. It is anticipated that it will be addressed at PER approval.
American Iron and Steel	Applies to any treatment works projects in which loans are executed after October 1, 2014

N. Project Funding

**Projects Anticipated to Receive Federal Fiscal Year (FFY) 2017 CWSRF available Funds*
(Award of federal fiscal year 2017 Funds are anticipated to be made
during state fiscal year 2018)**

Project /Activity	Total Project Cost**	SRF Loan State Match	Federal Share FFY 2016 Funds
See 2018 Priority List Attached	\$7,430,000	\$1,305,000	\$6,125,000
Vermont Administrative Expense	\$400,000		\$400,000
Total	\$7,830,000	\$1,305,000	\$6,525,000

Detailed project information is included in the attached Municipal Pollution Control Projects Priority List for state fiscal year 2018. The cash draw ratio of state to federal is 1:5, or an 83.33% federal share of the total.

Vermont CWSRF Payment Schedule FFY 2017 EPA Capitalization Grant			
Payment No.	Quarter	Date	Amount
1	2017-4	7/1/2017-9/30/2017	1,705,000
2	2018-1	10/1/2017-12/31/2017	1,305,000
3	2018-2	1/1/2018-3/31/2018	1,305,000
4	2018-3	4/1/2018-6/30/2018	549,000
5	2018-4	7/1/2018-9/30/2018	1,661,000
Total			\$6,525,000

* See attached Extended Portion of Intended Use Plan Project Funding List

** Costs will change as projects are refined

O. Green Project Reserve

The Vermont requirement for Green Project Reserve (GPR) for federal fiscal year 2017 is 10% of the federal grant, or \$652,500. This year, eighteen projects indicated likely green project elements at an estimated amount of \$9,056,702. These projects are identified on the attached priority list. These projects are early in the development phase and engineering and project development staff will work directly with municipalities and their consultants to incorporate green project elements into the project design.

The Vermont CWSRF has a new standard procedure for accounting for GPR eligible costs. At final design approval, the CWSRF Design Engineers will determine GPR eligible costs. It is anticipated that this procedure will allow the Vermont CWSRF program to meet the GPR requirement.

P. Additional Subsidy

Pursuant to the applicable 2017 federal appropriations act provisions, an amount equal to 10% of the grant must be provided as subsidy, or at least \$652,500. An additional amount equal to 30% of the grant, or \$1,957,500, may also be provided in the form of subsidy in accordance with the 2014 federal WRRDA provisions.

For the Federal FY2017 IUP, the Clean Water State Revolving Fund (CWSRF) loan program is proposing to allow additional subsidy by way of two avenues:

1. Principal loan forgiveness for planning or final design costs: This IUP proposes to provide up to 50% subsidy for eligible planning and design costs for a maximum amount of \$100,000 per project, and/or,
2. Principal loan forgiveness for construction costs: This IUP proposes to provide up to 50% subsidy for eligible construction costs for a maximum amount of \$300,000 per borrower for those applicants that qualify under the CWSRF Affordability Criteria.

The following limits are proposed on the aforementioned subsidy:

- The maximum amount of additional subsidy that can be awarded to a borrower is \$400,000. This can be a combination of multiple planning or final design projects or construction loans with planning or final design.
- Additional subsidy is awarded on a first-come, first-serve basis.
- To secure additional subsidy, an applicant must have submitted the following:
 - Signed funding application
 - QBS certification
 - Draft Engineering Services Agreement
 - Relevant readiness to proceed criteria: for example, facility plan approval including environmental prior to securing additional subsidy for a final design loan and bond documentation and final design approval prior to securing additional subsidy for construction.

- In the case that an applicant receives funding from a previous fiscal year and they seek an amendment in the FFY2017 due to an expansion of project scope and budget, or if they wish to progress from the planning stage to final design, the project sponsor would be eligible for additional subsidy. The FFY2018 additional subsidy would still have a maximum amount of \$400,000 per borrower cap but could be additive from previous grant year awards.

Q. State Affordability Criteria

The Water Resources Reform and Development Act of 2014 (WRRDA) amended sections of the Federal Water Pollution Control Act (FWPCA) that impact the Clean Water State Revolving Fund (CWSRF) loan program administered by Vermont's Department of Environmental Conservation. Section 603(i) was added requiring States to establish affordability criteria to assist in identifying municipalities that would experience a significant hardship raising the revenue necessary to finance a project or activity eligible under the CWSRF program if additional subsidization is not provided. The amendment requires States to establish the affordability criteria not later than September 30, 2015, and after providing notice and an opportunity for public comment. It also requires that the criteria be based on income and unemployment data, population trends, and other data determined relevant by the State, including whether the project or activity is to be carried out in an economically distressed area as described in Section 301 of the Public Works and Economic Development Act of 1965.

Methodology:

There are three ways to qualify for subsidy under Vermont's affordability criteria. First, compare the community's Median Household Income (MHI) to the State Average Median Household Income (SAMHI). If the applicant's community MHI is equal to or less than the SAMHI, the project qualifies as a hardship municipality, and is eligible for subsidy.

At the discretion of an applicant municipality, an income survey can be performed in lieu of the census data to establish the MHI. MHI shall be based on recommendations of an independent contractor hired by the municipality and approved by the Secretary. The determination of the Secretary shall be final.

Second, if the applicant's community's MHI divided by the SAMHI is between 101% and 120%, the project qualifies for subsidy if the communities' population data from the most recent two census surveys shows a population decline of 5% or more (i.e. 2010 Population divided by 2000 Population = 95% or lower).

Third, if the applicant community's MHI divided by the SAMHI is between 101% and 120%, the project qualifies for subsidy if the communities' unemployment number is higher than the State's unemployment number.

R. Responsiveness Summary

The following responsiveness summary will list questions and comments received at the April 6, 2017 public hearing through the public comment period ending April 21, 2017. Some comments have been edited for brevity and clarity.

Received and added the following PPL applications from the City of South Burlington: Airport Parkway WWTF Outfall Refurbishment, Bartlett Bay WWTF Refurbishment, Gravity Sewer Inflow & Infiltration Reduction, Hadley Road Sewer Service Area Refurbishment, and Lane Press Pump Station & Force Main Upgrade.

Received and added the following PPL from the City of Burlington: Integrated Water Quality Management Planning, City-wide Gravity Pipe Assessment and Rehabilitation, Stormwater Outfall Assessment and Repair, and WWTP Process and/or Capital Equipment Infrastructure Upgrades.

Received and added a PPL from the Town of Ryegate for the South Ryegate Wastewater System Renovation.

Received and added a PPL from the Town of Westford for the Town Center Community Wastewater System.

Received and added a PPL from the Village of Hyde Park for the WW Evaluation and Planning.

Q: Is the state match in the budget that the current legislature is discussing? If so, has that match been allocated?

A: This is the beginning of the next two-year budget cycle. We will get full this year, and get part of next year's allocation.

Q: Regarding the QBS process, if there is a project that did not go through that process for Steps I and/or II, do they need to go through the QBS process at Step III?

A: It is a goal of the CWSRF that all projects go through the QBS process in order for us to show utilization of the fund. In limited cases, however, the program recognizes that a project has already developed past a certain stage and will be unable to logically meet the procurement requirements. These projects are encouraged to contact the CWSRF and request a waiver to the QBS requirement.

Q: If we have joint funded project with USDA, how are AIS, DBE, Davis bacon?

A: If any portion of the project is funded by CWSRF, then all cross cutters apply to the entire project.

Q: For the affordability criteria, would you accept an independent income survey instead of the ACS MHI?

A: Yes.

Q: Is the CWSRF looking forward on WWTFs that need to comply with the TMDLs? Have you gone to the level of detail to know what their anticipated costs might be?

A: Yes. Beginning with St Albans, the CWSRF is working with external funding partners to leverage funds and plan in advance. In addition, we are working with DEC's NPDES section to target those communities that will likely be unable to optimize operations to meet their permits.

Q: Regarding the ability to transfer funds from the CWSRF to the DWSRF, is it possible for the reverse scenario where the DWSRF reallocates funds to the CWSRF if needed to help fund the TMDL compliance?

A: Yes. It's at the discretion of the governor, but up to 33% of all open grants can be reallocated either direction: from DWSRF to CWSRF or vice versa.

Q: Has there been any consideration given to thinking about total user rates for both drinking water and wastewater together rather than separate impacts?

A: This hasn't been discussed. The CWSRF is discussing implementing a rate payer component to their affordability criteria, but only related to wastewater. We have not had a request to consider total user rates and as many system have a portion of the users with drinking water, and a different continent with wastewater, it would be difficult to calculate.

Q: What is the latest news on a large influx of infrastructure funding (stimulus)?

A: The current proposed budget shows pretty much even funding from previous years. There have been a number of requests for project information and an emphasis on keeping "shovel ready" project lists but, as of yet, there have no definitive stimulus or increased funding notifications.

2018 Pollution Control Priority and Planning List

Municipality	Project_Name	Priority Points	Type	2018 Step I	2018 Step II	2018 Step III	2019 Step III	2020 Step III	2021 Step III	2022 Step III	As of SFY17 Allocated State Grants	SFY18 Eligible State Grants	SFY 2019 State Grant Eligibility	Green Project Reserve Amount	Potential Subsidy
Saint Johnsbury, Town of	Eastern & Western Ave, Main St CSO (Completed)	14.95	CSO-C								578,779	667,971	*		
Springfield, Town of	Valley St CSO	14.17	CSO-C								13,927	16,073	*		
Rutland, City of	Northwest Neighborhood Sewer Separation Project (Phase 1 Completed)	13.19	CSO-C								596,376	688,279	*		
Brattleboro, Town of	WWTF Rehab (Sludge and septage improvements completed)	10.74	REF-C								1,114,153	1,285,847	*		
West Windsor, Town of	Brownsville Sewer Collection System (Completed)	18.06	Sewer Ext-C								213,546	230,454	*		
Northfield, Village of	Main St. Drainage Separation	45.94	CSO	20,000											10,000
Saint Albans, City of	Lower Weldon CSO Abatement	19.57	CSO	40,000	100,000		850,000						250,000		70,000
Springfield, Town of	J&L CSO Sewer and Stormwater Improvements	15.07	CSO			2,037,900					81,240	93,760	230,000	*	300,000
Saint Johnsbury, Town of	Oak St. Drainage area sewer and storm improvements	12.85	CSO			1,528,400						412,500		33,000	300,000
Middlebury, Town of	CSO Abatement	11.75	CSO	50,000			950,000						250,000		25,000
Rutland, City of	Northwest Neighborhood Sewer Separation Project (Phase 1A)	8.37	CSO			1,910,000						430,000			300,000
Barre, City of	WWTF 20 Evaluation	27.80	REF	75,000											37,500
Hyde Park, Village of	WW Evaluation and Planning	23.71	REF	42,700											21,350
Swanton, Village of	WWTF Upgrade	23.61	REF	50,000			3,700,000						1,225,000	250,000	25,000
Derby Line, Village of	Stantstead Quebec WWTF Upgrade	22.76	REF	20,000		1,400,000									300,000
Pawlet, Town of	RBC Assessment and Repair	22.22	REF		50,000	50,000									50,000
Winooski, City of	Winooski Headworks Upgrade	21.66	REF	25,000	75,000		900,000								50,000
Fair Haven, Town of	Adams St. Pump Station	20.46	REF	40,000			450,000								20,000
Burlington, City of	WWTP Process and/or Capital Equipment Infrastructure Upgrades	19.80	REF	1,000,000			2,100,000	34,900,000							
Rutland, City of	Vernon Street Sewer Abatement Project	19.29	REF	7,500	12,500		680,000								10,000
Montpelier, City of	WWTF Refurbishment	14.97	REF		250,000	4,500,000								1,000,000	125,000
South Burlington, City of	Hadley Road Sewer Service Area Refurbishment	14.57	REF		120,000	2,050,000								2,170,000	60,000
Saint Albans, City of	WWTF Refurbishment	14.52	REF		250,000	17,250,000						1,295,000		1,150,000	300,000
North Branch	WWTF Upgrade	13.31	REF		280,098	4,575,424									300,000
Cavendish, Town of	WWTP Aeration Refurbishment	12.19	REF	10,000	30,000	750,000								790,000	300,000
Fair Haven, Town of	WWTF Refurbishment	12.15	REF	25,000			1,075,000							150,000	12,500
Ludlow, Town of	High St. Infrastructure Improvements	9.94	REF			310,000									155,000
Proctor, Town of	Ormsbee Ave Sewer and Stormwater Improvements	9.71	REF	11,800	23,600	392,000									213,700
Brandon, Town of	Park St. WW and SW Piping Replacement	9.48	REF	26,700	53,500			993,800							40,100
Ludlow, Town of	WWTF Refurbishment	8.11	REF	50,000			1,590,000							150,000	25,000
Rochester, Town of	Site 3 Renovation	7.26	REF	9,438	18,876	245,300								10,000	136,807
Pittsford, Town of	Depot Hill Rd WW Pump Station	7.18	REF		20,000	455,600									237,800
St Johnsbury, Town of	Wastewater Treatment Facility Upgrade	6.97	REF			2,590,000									
Bennington, Town of	WWTF Refurbishment	6.66	REF	32,400	400,000	8,500,000								500,000	300,000
West Windsor, Town of	West Windsor Resort Upper Loop Sewer	6.17	REF	10,000	20,000		470,000								15,000
South Burlington, City of	Lane Press Pump Station & Force Main Upgrade	5.50	REF		290,000		2,340,000								145,000
Montpelier, City of	Northfield St. Reconstruction Project	5.15	REF		40,900	1,180,938									20,450
Barre, City of	Digester Cover Refurbishment	5.12	REF	15,000	30,000		700,000							745,000	22,500
Shelburne, Town of	WWTF Refurbishment	5.08	REF		100,000	1,400,000								250,000	50,000
Shelburne, Town of	Sewer System Improvements	5.05	REF		94,000	1,300,000									47,000
Barre, City of	Trunkline and North Main St. wastewater improvements	4.97	REF	65,000											32,500
Castleton, Town of	Rt 30 Sewers	4.85	REF	13,000	27,000	450,000									245,000
Proctor, Town of	Willow St. Pump Station	4.63	REF	15,000	35,000	300,000								50,000	175,000
Ryegate, Town of	South Ryegate Wastewater System Renovation	4.18	REF			65,300									
Pittsford, Town of	WWTF Process Modifications	3.94	REF			70,000									35,000
Burlington, City of	Integrated Water Quality Management Planning	21.18	SW	600,000	750,000			4,250,000							
Chester, Town of	Stormwater system development	10.23	SW		70,000		920,000							1,000,000	35,000
Hartford, Town of	South Main Street Stormwater Improvements	5.17	SW	25,000	65,000	910,000									
Hartford, Town of	Hartford White River Junction	5.12	SW			650,000						175,000			300,000
Burlington, City of	Stormwater Outfall Assessment and Repair	17.16	NPS	100,000			250,000	2,250,000						100,000	50,000
Colchester Town Fire District #2	Malletts Bay Sewer Project	18.42	NPS		1,140,000		17,000,000						6,545,000		
Castleton, Town of	Crystal Heights Sewer	13.47	Sewer Ext		30,000	375,000						70,000			202,500
Milton, Town of	Milton Mobile Home Park Infrastructure Upgrade	7.49	Sewer Ext	20,000	150,000	1,500,000									85,000
Richmond, Town of	West Main St. Sewer Extension	7.20	Sewer Ext		89,000	872,000									44,500
Waitsfield, Town of	Waitsfield Community Wastewater Loan Fund Program	9.57	OTH		50,000	350,000								400,000	25,000
Addison, Town of	Addison Community Wastewater System	7.17	OTH		56,974		498,000							293,702	28,487
Chittenden Solid Waste District	Chittenden Regional Sludge Processing Facility	6.21	OTH	400,000	2,000,000		18,000,000								100,000
Chittenden Solid Waste District	Brewery Waste Diversion	14.73	OTH	5,000	10,000		180,000							15,000	7,500
Westford, Town of	Town Center Community Wastewater System	14.60	OTH	120,000			111,000	1,610,000							60,000
Bristol, Town of	Bristol WWTF Upgrade	4.86	ENL	5,775	32,025	469,581									253,691
Burlington, City of	City-wide Gravity Pipe Assessment and Rehabilitation	25.25	REF				4,325,000								
South Burlington, City of	Bartlett Bay Wastewater Treatment Facility Refurbishment	8.64	REF				400,000	800,000		14,000,000					
South Burlington, City of	Gravity Sewer Inflow & Infiltration Reduction	5.35	REF					150,000							
South Burlington, City of	Airport Parkway Wastewater Treatment Facility Outfall Refurbishment	5.23	REF						20,000	480,000					
Williston, Town of	Williston SW FY19 Projects	17.02	SW				1,185,916								
Total				2,929,313	6,763,473	58,437,443	58,674,916	44,953,800	20,000	14,480,000	2,598,021	5,364,884	8,500,000	9,056,702	5,703,885
Anticipated Commitments						(68,130,229)	(37,723,488)	\$17,230,000	17,230,000	17,230,000					
Federal Funds						\$6,125,000	\$6,125,000	\$6,125,000	\$6,125,000	\$6,125,000					
State Matching Funds						\$1,305,000	\$1,305,000	\$1,305,000	\$1,305,000	\$1,305,000					
Repayment funds						\$11,716,340	\$11,716,340	\$11,716,340	\$11,716,340	\$11,716,340					
Carry Forward						\$67,561,037	\$18,577,148	\$0	\$0	\$0					
Total Available Funds						\$86,707,377	\$37,723,488	\$19,146,340	\$19,146,340	\$19,146,340					

Notes:

1) * Denotes continuing Pollution Control Grant

Extended Portion Of Intended Use Plan Project Funding List*

ADDISON TOWN
ALBANY TOWN
Albany Village
ALBURG TOWN
Alburgh Fire District #1
Alburgh Village
Algiers Fire District #1
ANDOVER TOWN
ARLINGTON TOWN
ATHENS TOWN
BAKERSFIELD TOWN
Bakersfield Fire District #1
BALTIMORE TOWN
BARNARD TOWN
BARNET TOWN
BARRE CITY
BARRE TOWN
BARTON TOWN
Barton Village
Bellows Falls Village
BELVIDERE TOWN
BENNINGTON TOWN
BENSON TOWN
BERKSHIRE TOWN
BERLIN TOWN
BETHEL TOWN
BLOOMFIELD TOWN
BOLTON TOWN
BRADFORD TOWN
BRAINTREE TOWN
BRANDON TOWN
Brandon Fire District #1
Brandon Fire District #2
BRATTLEBORO TOWN
BRIDGEWATER TOWN
BRIDPORT TOWN
BRIGHTON TOWN
BRISTOL TOWN
Bristol Village
BROOKFIELD TOWN
BROOKLINE TOWN
BROWNINGTON TOWN
BRUNSWICK TOWN
BURKE TOWN
BURLINGTON CITY
CABOT TOWN
Cabot Village
CALAIS TOWN
CAMBRIDGE TOWN
Cambridge Village

CANAAN TOWN
CASTLETON TOWN
Castleton Fire District #1
Castleton Fire District #3
CAVENDISH TOWN
Cavendish Fire District #1
Cavendish Fire District #2
CHARLESTON TOWN
CHARLOTTE TOWN
CHELSEA TOWN
CHESTER TOWN
CHITTENDEN TOWN
CLARENDON TOWN
COLCHESTER TOWN
Colchester Fire District #1
Colchester Fire District #2
Colchester Fire District #3
Cold Brook Fire District #1
CONCORD TOWN
CORINTH TOWN
CORNWALL TOWN
COVENTRY TOWN
CRAFTSBURY TOWN
DANBY TOWN
Danby-Mt. Tabor Fire District#1
DANVILLE TOWN
Danville Fire District #1
DERBY TOWN
Derby Center Village
Derby Line Village
DORSET TOWN
DOVER TOWN
DUMMERSTON TOWN
DUXBURY TOWN
EAST HAVEN TOWN
EAST MONTPELIER TOWN
EDEN TOWN
ELMORE TOWN
Enosburg Falls Village
ENOSBURG TOWN
ESSEX TOWN
Essex Junction Village
FAIR HAVEN TOWN
FAIRFAX TOWN
FAIRFIELD TOWN
Fairfield Fire District #1
FAIRLEE TOWN
FAYSTON TOWN
FERRISBURGH TOWN
Ferrisburgh Fire District #1
FLETCHER TOWN
FRANKLIN TOWN
GEORGIA TOWN
GLOVER TOWN
GOSHEN TOWN
GRAFTON TOWN
GRANBY TOWN
GRAND ISLE TOWN
Grand Isle Fire District #4
Graniteville Fire District #4
GRANVILLE TOWN
GREENSBORO TOWN

GROTON TOWN
Groton Village
GUILDHALL TOWN
GUILFORD TOWN
H2O F.F.D. #2 (Fairfield 2)
HALIFAX TOWN
HANCOCK TOWN
HARDWICK TOWN
HARTFORD TOWN
HARTLAND TOWN
HIGHGATE TOWN
HINESBURG TOWN
HOLLAND TOWN
HUBBARDTON TOWN
HUNTINGTON TOWN
Huntington Woods Fire District
HYDE PARK TOWN
Hyde Park Village
IRA TOWN
IRASBURG TOWN
ISLE LA MOTTE TOWN
Jacksonville Village
JAMAICA TOWN
JAY TOWN
Jeffersonville Village
JERICHO TOWN
Jericho Fire District #1
Jericho Village
JOHNSON TOWN
Johnson Village
KILLINGTON TOWN
KIRBY TOWN
LANDGROVE TOWN
LEICESTER TOWN
LEMINGTON TOWN
LINCOLN TOWN
LONDONDERRY TOWN
LOWELL TOWN
LUDLOW TOWN
Ludlow Village
LUNENBURG TOWN
Lunenburg Fire District #1
Lunenburg Fire District #2
LYNDON TOWN
Lyndonville Village
MAIDSTONE TOWN
MANCHESTER TOWN
Manchester Village
MARLBORO TOWN
MARSHFIELD TOWN
Marshfield Village
MENDON TOWN
MIDDLEBURY TOWN
MIDDLESEX TOWN
MIDDLETOWN SPRS TOWN
MILTON TOWN
MONKTON TOWN
MONTGOMERY TOWN
MONTPELIER CITY
Montpelier Fire District #1
MORETOWN TOWN
MORGAN TOWN

MORRISTOWN TOWN
Morrisville Village
MOUNT HOLLY TOWN
MOUNT TABOR TOWN
NEW HAVEN TOWN
NEWARK TOWN
NEWBURY TOWN
Newbury Village
NEWFANE TOWN
Newfane Village
NEWPORT CITY
NEWPORT TOWN
North Bennington Village
North Branch Fire District #1
NORTH HERO TOWN
North Troy Village
North Westminster Village
NORTHFIELD TOWN
Northfield Village
NORTON TOWN
NORWICH TOWN
Norwich Fire District #1
Old Bennington Village
ORANGE TOWN
Orleans Village
ORWELL TOWN
PANTON TOWN
PAWLET TOWN
PEACHAM TOWN
Peacham Fire District #1
Perkinsville Village
PERU TOWN
PITTSFIELD TOWN
PITTSFORD TOWN
Pittsford Fire District #1
PLAINFIELD TOWN
PLYMOUTH TOWN
POMFRET TOWN
POULTNEY TOWN
Poultney Village
POWNAL TOWN
Pownal Fire District #2
PROCTOR TOWN
PUTNEY TOWN
RANDOLPH TOWN
Randolph Fire District #1
Randolph Village
READING TOWN
READSBORO TOWN
RICHFORD TOWN
Richford Village
RICHMOND TOWN
RIPTON TOWN
ROCHESTER TOWN
ROCKINGHAM TOWN
ROXBURY TOWN
ROYALTON TOWN
Royalton Fire District #1
RUPERT TOWN
RUTLAND CITY
RUTLAND TOWN
Rutland Town Fire District #1

Rutland Town Fire District #4
Rutland Town Fire District #5
Rutland Town Fire District #8
Rutland Town-Mendon FD#2
RYEGATE TOWN
Ryegate Fire District #2
SALISBURY TOWN
SANDGATE TOWN
Saxtons River Village
SEARSBURG TOWN
SHAFTSBURY TOWN
SHARON TOWN
SHEFFIELD TOWN
SHELBURNE TOWN
SHELDON TOWN
Sherburne Fire District #1
SHOREHAM TOWN
SHREWSBURY TOWN
SOUTH BURLINGTON CITY
South Burlington Fire District #1
South Georgia Fire District #1
SOUTH HERO TOWN
South Hero Fire District #4
South Ryegate Village
SPRINGFIELD TOWN
SAINT ALBANS CITY
SAINT ALBANS TOWN
SAINT GEORGE TOWN
SAINT JOHNSBURY TOWN
STAMFORD TOWN
STANNARD TOWN
STARKSBORO TOWN
STOCKBRIDGE TOWN
STOWE TOWN
STRAFFORD TOWN
STRATTON TOWN
SUDBURY TOWN
SUNDERLAND TOWN
SUTTON TOWN
SWANTON TOWN
Swanton Village
THETFORD TOWN
TINMOUTH TOWN
TOPSHAM TOWN
TOWNSHEND TOWN
Townshend Village
TROY TOWN
TUNBRIDGE TOWN
UNDERHILL TOWN
VERGENNES CITY
VERNON TOWN
VERSHIRE TOWN
VICTORY TOWN
WAITSFIELD TOWN
WALDEN TOWN
WALLINGFORD TOWN
Wallingford Fire District #1
Wallingford Fire District #2
WALTHAM TOWN
WARDSBORO TOWN
WARREN TOWN
WASHINGTON TOWN

Washington Fire District #1
WATERBURY TOWN
Waterbury Village
WATERFORD TOWN
WATERVILLE TOWN
WEATHERSFIELD TOWN
Websterville Fire District #3
WELLS TOWN
Wells River Village
West Burke Village
WEST FAIRLEE TOWN
WEST HAVEN TOWN
WEST RUTLAND TOWN
WEST WINDSOR TOWN
WESTFIELD TOWN
WESTFORD TOWN
WESTMINSTER TOWN
Westminster Village
WESTMORE TOWN
WESTON TOWN
WEYBRIDGE TOWN
WHEELOCK TOWN
WHITING TOWN
WHITINGHAM TOWN
WILLIAMSTOWN TOWN
WILLISTON TOWN
WILMINGTON TOWN
WINDHAM TOWN
WINDSOR TOWN
WINHALL TOWN
Winhall-Stratton Fire District
WINOOSKI CITY
WOLCOTT TOWN
WOODBURY TOWN
WOODFORD TOWN
WOODSTOCK TOWN
Woodstock Village
WORCESTER TOWN
Worcester Fire District #1

***Note: The Towns listed in this table include all political subdivisions therein, whether such subdivisions are specifically included on the listing in their own names or not.**

NPDES Numbers

Municipality Name	Project Name	NPDES Permit Number
City of Montpelier	One Taylor Street	VT0100196
City of South Burlington	Village at Dorset Park Stormwater Pond Improvements	NA
Town of Springfield	Meadow Drive Stormwater	VT0100382
City of Montpelier	Taylor St Stormwater	VT0100196
Village of Poultney	York Street stormwater improvements	VT0100269
Town of Northfield	Northfield Village Green Stormwater Site	NA
City of Rutland	NW Neighborhood Phase 1A	VT0100871
Town of Springfield	CSO - Collection System Improvements	VT0100382
Town of Williston	Route 2A Gravity Sewer	VT0100439
City of Burlington	Colchester Avenue CSO Abatement/ Elimination	VT0100226
Village of Saxtons River	Wastewater Upgrade	VT0100609
Village of Bellows Falls Corporation	WWTF Biosolids Train and Pump Station Upgrades	VT0100013
City of Burlington	Phosphorus reductions through Stormwater Outfall Assessment, Repair and Watershed Improvements	VT0100153 VT0100307 VT0100226
City of St. Albans	Wastewater treatment facility refurbishment	VT0100323
Town of Addison	Community Wastewater System	NA
Village of Bellows Falls Corporation	Sewer Main Replacement Project	VT0100013
Town of Wilmington	Wastewater treatment facility refurbishment	VT0100706
City of Burlington	Stormwater Pipe Infrastructure Rehabilitation	NA
Town of Waitsfield	NPS Projects	NA
Town of Williamstown	Wastewater treatment facility refurbishment	VT0100722
Town of St. Johnsbury	St. Johnsbury Wastewater Improvements Phase 2	VT0100579
Town of St. Johnsbury	St. Johnsbury Wastewater Improvements Phase 1	VT0100579
Town of Windsor	Sewer Separation/Storm Water Removal	VT0100919
City of Barre, VT	Trunk line and North Main Street Wastewater Improvements	VT0100889
Town of St. Johnsbury	Frost Avenue Sewer Main	VT0100579
Town of Windsor	Pump Stations Upgrade	VT0100919
Town of Richmond	East Main Street Sewer Replacement	VT0100617
Town of Ryegate	Filter Bed #2 Reconstruction	NA
Town of Richmond	West Main Street Sewer Extension	VT0100617
Town of Castleton	Crystal Heights Sewer	VT0100897
City of St. Albans	Lower Weldon CSO Abatement	VT0100323
Colchester Fire District #2	New sewer system	NA

Village of Alburgh	Kirk and Fitts Road Sewer Extension	VT0100005
Town of St. Johnsbury	St. Johnsbury Wastewater Improvements Phase 3	VT0100579
Town of Rochester	Rochester Site No. 3 Rehabilitation	NA
Town of Royalton	Wastewater System Improvements	VT0100854
City of South Burlington	Preliminary Engineering Design Report for the Hadley Road Sanitary Sewer Service Area	VT0100358
City of South Burlington	Airport Parkway Wastewater Treatment Facility Outfall Rehabilitation	VT0100366
City of South Burlington	Gravity Sewer Inflow & Infiltration Reduction	VT0100366 VT0100358
City of Barre, VT	WWTF Headworks Upgrade	VT0100889
Town of Hartford	Downtown Stormwater Improvements	VT0101010
Town of Brandon	Champlain Pump Station	VT0100056
Town of Brandon	Sewer System Evaluation and Rehabilitation	VT0100056
Town of Proctor	Willow Street Pump Station	VT0100528
Town of West Windsor	West Windsor Resort Upper Loop Sewer	VT0100919
		VT0100153 VT0100307 VT0100226
City of Burlington	Enhanced WWTP Phosphorus Removal	
Town of Bennington	WWTF Upgrade	VT0100021
City of Montpelier	WWTF Refurbishment	VT0100196
City of South Burlington	Gravity Sewer Sleeves Crossing of Interstate 89	VT0100366
Town of Williston	East Hill Road Stone Line ditching	
		VT0100366 T0100358
City of South Burlington	Sewer Pump Station SCADA Replacement	
City of South Burlington	Airport Parkway Wastewater Treatment Facility	VT0100366
		VT0100153 VT0100307 VT0100226
City of Burlington	Integrated Stormwater and Wastewater Planning and Early Implementation	
City of South Burlington	Lane Press Pump Station & Force Main Upgrade	VT0100366
Town of Williston	Williston Town Fields Stormwater Treatment Facility	NA
Town of Williston	Lamplite Acres Green Streets	NA
Town of Williston	Golf Links	NA
Town of Williston	Taft Farm Village I & II and Taft Farm Commercial Lots	NA
Town of Williston	Meadow Run/Forest Run	NA
Town of Williston	Hill Side East Lot 14	NA
Town of Williston	Hill Side East Lot 16 & 17	NA
Village of Hyde Park	Wastewater System Improvements	NA
City of South Burlington	Hinesburg Road PS & Dorset St. FM	VT0100366
Town of Williston	Taft Farms Condo Commercial: Lot H	NA
Town of Williston	Indian Ridge	NA
Town of Williston	Old Stage Estates	NA

Town of Williston	Hampton Direct	NA
Town of Williston	Hill Side East Lot 5	NA
Town of Williston	Hill Side East Lot 7	NA
Town of Williston	Allen brook Meadows/ Lefebvre Lane	NA
Town of Williston	Heritage Meadows	NA
Town of Williston	Coyote Run	NA
Town of Williston	Pleasant Acres	NA
Town of Williston	Allen Brook School	NA
Town of Williston	Hill Side East Lot 12 -13A	NA
City of South Burlington	Bartlett Bay Wastewater Treatment Facility Upgrade	VT0100358
Town of Williston	The Commons at Williston Village	NA
Town of Williston	Brennan Woods	NA
Town of Williston	Whitney Hill	NA
Town of Williston	Turtle Crossing	NA
Town of Williston	Turtle Pond	NA
Town of Williston	Williston North of I89 Stormwater Treatment Facility	NA
Town of Williston	Meadow Ridge	NA
Town of Williston	Southridge	NA
Town of Williston	Williston Central	NA
City of South Burlington	Wastewater Infrastructure CIP	VT0100366 VT0100358
City of South Burlington	Bartlett Bay WWTF Phosphorous Treatment Limits Study	VT0100358