

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

**DRAFT State FY 2019 Municipal Pollution Control Project
Priority List and DRAFT Federal FY 2018 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 SFY 2019 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 a nutrient treatment 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 2018 FUNDS
, 2018

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 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 1 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 Pollution Control Grant Eligibilities

State Pollution Control (PC) grants may be available for certain projects in addition to CWSRF loans. 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, which may include nutrient upgrade work (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, affordability, 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.

The Municipal Pollution Control Priority System Rule contained in Chapter 2 of the Environmental Protection Rules was amended and took effect as of December 1, 2017. These changes to PC grant eligibilities will not take full effect until July 1, 2019. For this current IUP cycle, the previous categorical grants (CSO, dry weather flow, and sludge & septage) will be continued.

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. This is a use that may be used for this purpose if the CWSRF balance remains underutilized 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 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 FY2019 is projected to be approximately \$1.78 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.

F. CWSRF Capitalization Grants for Federal Fiscal Year 2018 and Future Years

The federal fiscal year 2017 capitalization grant allotment available to Vermont was \$6,474,000 as authorized by the Act. The program assumes FFY19 will receive level funding for purposes of this IUP.

One hundred thousand dollars is allocated to the federal 604b program leaving \$6,374,000 for use as CWSRF loans and administrative costs. The required match is \$1,294,800 which will consist of state capital funds anticipated to be appropriated July 2018 and July 2019. 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	\$6,374,000
State Match Needed	1,294,800
Repayments	11,365,151
Carry-Forward	56,631,583
TOTAL	\$75,665,534

Uses

Anticipated Commitments	\$75,665,534
Administrative	400,000
TOTAL	\$75,265,534

The State matching funds will be deposited into the CWSRF prior to the quarter when federal funds are requested. 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 2019. Although we anticipate a large volume of projects and requests for funds in state fiscal years 2019 to 2023 which the fund will likely support, a per project cap on the CWSRF loan funds will not likely be needed at this time.

H. Use of Funds for Nonpoint Source Projects

This year, two number of nonpoint source projects (NSPs) are scheduled to be funded. The two identified NSPs include the Town of Addison's Community Wastewater System and the Town of Rochester's Municipal Site #3 Replacement Project.

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, 2017, 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 2019 with a due date of February 16, 2018 for inclusion in the draft Pollution Priority List. On March 2, 2018, the Department released the draft IUP for public comment and on April 5, 2018 held a public meeting in the Montpelier Room at the National Life Complex in Montpelier, Vermont at 9:30 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 Clean Water Benefits Reporting (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. Program Changes

All projects receiving federal funds will be required to comply with the requirements of the federal Single Audit Act. All treatment works projects must comply with a NEPA like review, DBE reporting, Davis-Bacon, American Iron and Steel, and other WRRDA and federal crosscutters as applicable. Projects will be reported in FFATA until an amount equivalent to the federal grant has been met. However, the program does not use equivalency to apply federal crosscutters and they are applied to all projects, regardless of funding source.

Emergency Bypass Procedure: The program has drafted a proposed procedure to outline scenarios where a project meets the definition of an emergency and can bypass other projects in the priority list queue. A project that must be completed expeditiously to address a situation resulting from equipment or other infrastructure failure or an event outside of human control, such as weather or a natural disaster, affecting or constituting a threat to the environment or the public health, safety, or welfare, *as determined by the Secretary*. It should be noted that situations arising from deferred maintenance will not be considered an emergency project for the purposes of this procedure. These determinations will be completed on a case by case basis by CWSRF staff. This procedure can be found in its entirety in [Attachment A](#).

Treatment Works: With the passage of the Water Resources Reform and Development Act (WRRDA) in June 2014, Congress expanded the CWSRF eligibility and applied additional requirements to those projects defined in the 1972 Federal Clean Water Act as a Section 212 Treatment Work Project. These additional requirements include the National Environmental Policy Act (NEPA), Davis Bacon Act, Fiscal Sustainability Plan (FSP), and American Iron and Steel (AIS).

In the 2015 Interpretive Guidance for WRRDA, EPA allowed states to determine which projects meet the definition of a “treatment works” project. In 2017, Vermont CWSRF drafted and

approved a policy paper outlining the state’s definition. This policy paper state that the Section 212 treatment works definition will be limited to centralized wastewater collection and treatment and gray infrastructure components of stormwater projects. All other CWSRF eligible project types, including soils-based decentralized wastewater disposal projects, will not be considered treatment works. Please see the entire policy paper in [Attachment B](#).

Loan Repayment Start Date: As part of a review of projects in need of closeout and continuous process improvement, it was noted that there was an inconsistent definition of when a project should begin repayment upon final completion of a project. To answer that project, the program created the Repayment Start Date Procedure (see [Attachment C](#)). This stated that project will enter into repayment no later than one year after final completion and provided a consistent definition for final completion. This document also defined situations when a loan should be segmented into multiple loans numbers to avoid long delays between loan initiation and repayment, should a project have multiple contracts spanning multiple years.

Priority List Bypass Procedure: The revision of the Chapter 2 Priority Rule in December 2017 allowed for the implementation of a bypass procedure. The CWSRF has adopted a similar procedure to the DWSRF program and this is outlined in Guidance Document #4 (see [Attachment D](#)). The purpose of this procedure is to ensure that only projects which have demonstrated readiness to proceed are prioritized. While there is flexibility on a case by case basis, the procedure generally requires a completed preliminary engineering report (PER) by December 31st and successful bond vote by April 30th of the following year. Projects not meeting these dates may be bypassed in favor of lower ranking projects.

N. Project Funding

**Projects Anticipated to Receive Federal Fiscal Year (FFY) 2018 CWSRF available Funds*
(Award of federal fiscal year 2018 Funds are anticipated to be made
during state fiscal year 2019)**

Project /Activity	Total Project Cost**	SRF State Match	Federal Share FFY 2018 Funds
See 2019 Priority List Attached	\$7,368,800	\$1,294,800	\$5,974,000
Vermont Administrative Expense	\$400,000		\$400,000
Total	\$7,768,800	\$1,294,800	\$6,474,000

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

** Costs will change as projects are refined

Detailed project information is included in the attached Municipal Pollution Control Projects Priority List for state fiscal year 2019. 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 2018EPA Capitalization Grant			
Payment No.	Quarter	Date	Amount
1	2018-4	7/1/2018-9/30/2018	1,500,000
2	2019-1	10/1/2018-12/31/2018	1,500,000
3	2019-4	7/1/2019-9/30/2019	2,500,000
4	2020-1	10/01/2019-12/31/2019	974,0000
Total			\$6,474,000

O. Green Project Reserve

The Vermont requirement for Green Project Reserve (GPR) for federal fiscal year 2018 is 10% of the federal grant, or \$647,400. This year, seventeen projects indicated likely green project elements at an estimated amount of \$8,085,351. These projects are identified on the attached priority list. Many of 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.

In addition, with the revisions to the Chapter 2 Priority Ranking criteria provides a framework for how projects should be prioritized for funding. This framework provides flexibility for the prioritization of federally mandated project types, including GPR projects. This IUP will propose a sponsorship pilot project utilizing additional subsidy as principal loan forgiveness. These sponsored projects will meet the definition of a GPR project and will, by definition, receive priority for funding.

While the goal for GPR is 10% of the federal grant, it is the position of the program to solicit and prioritize more than the minimum goal. This will ensure that if certain project elements have changed during the development and construction of a project that may reduce or eliminate GPR elements, there is sufficient GPR projects to meet or exceed this goal.

P. Additional Subsidy

Pursuant to the applicable 2018 federal appropriations act provisions, an amount equal to 10% of the grant must be provided as subsidy, or at least \$647,400. An additional amount equal to 30% of the grant, or \$1,942,200, may also be provided in the form of subsidy in accordance with the 2014 federal WRRDA provisions. In total, the fund may use up to 40% of the federal grant, or \$2,589,600 for additional subsidization.

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 costs
2. Principal loan forgiveness for the Green SW Sponsorship Pilot Program.

Principal Loan Forgiveness for Planning:

This avenue to receive principal loan forgiveness for planning includes feasibility studies, asset management planning, preliminary engineering reports, and final design projects. This IUP proposes to reserve up to \$1.6 million for these activities. Eligible projects may receive forgiveness for 50% of planning costs, up to \$100,000 per project, with a limit of no more than \$250,000 for each borrower. A single borrower may combine multiple projects for preliminary engineering or final design to reach the cap.

Green Stormwater Sponsorship Pilot Program:

This avenue to receive principal loan forgiveness proposes a pilot program to incentivize green stormwater projects. Under this pilot program, an applicant will pair a traditional treatment works project (i.e.: grey stormwater, wastewater treatment facility upgrade, pipe replacement) with a green stormwater project. The applicant will bond and take out a loan for each project. Upon final completion of the projects, the green stormwater project loan will be forgiven. This IUP proposes the utilization of up to \$1 million to be reserved for this pilot program. The ratio of treatment works project to sponsored project should be approximately 10:1. Frequently Asked Questions (FAQs) document can be found in [Attachment E](#).

There is a maximum cap of \$300,000 per borrower for the Green Stormwater Sponsorship Program. Additionally, an applicant may receive the maximum amount of subsidy for planning and it will not affect their ability to receive additional subsidy under the green stormwater pilot program.

For example, if a municipality had a pipe replacement project costing \$1M, they would identify a green stormwater project(s) for approximately \$100,000. They would conduct a bond vote for

\$1.1M and then take out two loans, one for \$1M and one for \$100,000. Upon project closeout, the \$100,000 loan would be forgiven, leaving the municipality to only repay the original \$1M costs in the other loan.

Vermont has defined green stormwater projects as projects that involve a wide range of multi-functional, natural and semi-natural landscape elements that are located within, around, and between developed areas, that are applicable at all spatial scales, and that are designed to control, collect, or treat stormwater runoff. Components of a green infrastructure project that are essential but considered gray infrastructure (e.g. a pipe to convey water to a green practice) may be included in the sponsored project. Additionally, Green Stormwater Infrastructure Projects:

1. Have a direct and quantifiable water quality benefit that includes a reduction in sediment or nutrient pollution; and
2. Involve Tier 1 stormwater treatment practices; or
3. Have undergone an alternatives analysis and are the most effective treatment alternative while still meeting the above definition of “Green Stormwater Infrastructure.”

The complete rationale for Vermont’s green stormwater infrastructure can be seen in [Attachment F](#). The CWSRF program will make the ultimate determination as to whether or not a project meets this definition.

All sponsoring and sponsored projects must be on the priority list. It is likely that this IUP will need to be amended in future quarters to include additional projects. Sponsored projects will be required to complete an addendum to the funding application. A sample of this addendum can be found in [Attachment G](#). Due to current statutory restrictions, only municipally owned, operated, and maintained green stormwater projects may be considered for sponsorship.

Requirements for Additional Subsidy:

To secure additional subsidy for either criteria, applicants must comply with and submit the following:

- All additional subsidy is awarded on a first come, first serve basis.
- Additional subsidy is considered “locked in” upon receipt of the following:
 - Complete 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.

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.

Revisions to the Chapter 2 Priority Ranking rule also made changes to the affordability criteria used to determine priority ranking as well as pollution control grant amounts. This IUP proposes to amend the previous year's affordability criteria with one that is consistent with the rule update.

The new affordability applies five key criteria to determine project affordability: median household income (MHI), user costs, unemployment rates, population trends or other demonstrated financial hardships. To be considered a municipality that would experience a significant hardship in raising the necessary project revenues (hereafter referred to as "hardship communities"), an applicant must qualify under at least two of the key criteria. The complete affordability criteria can be found in [Attachment H](#).

R. Responsiveness Summary

The following responsiveness summary will list questions and comments received at the April 5, 2018 public hearing through the public comment period ending April 20, 2018. Some comments have been edited for brevity and clarity.

2019 Pollution Control Priority and Planning List

Please note these points are still in the review process and may change. An updated list will be available prior to the public hearing.

Municipality	Project Name	Priority Points	Type	2019 Step I	2019 Step II	2019 Step III	2020 Step III	2021 Step III	2022 Step III	2023 Step III	Green Project Reserve	PC Grant Estimate	Potential Subsidy
St. Albans, City of	Wastewater Treatment Facility Refurbishment	93	CWT - Advanced Treatment - C			0*						1,314,301	
Rochester, Town of	Rochester Municipal Site #3 Replacement and Site #1 PS Improvements	74	NPS - Individual/Decentralized Sewage Treatment			0*							
Waitsfield, Town of	Community Wastewater Loan Fund Program	66	CWT - Secondary Treatment		15,000	60,000					75,000	75,000	
North Branch FD #1	Upgrade Additions	64	CWT - Advanced Treatment			0*							
Bennington, Town of	Bennington WWTF RBC Replacements	48	CWT - Advanced Treatment			0*							
Shelburne, Town of	Sewer Collection System Improvements	44	CWT - Sewer System Rehabilitation			0*							
Derby Line, Village of	Stanstead (Que) Wastewater Treatment Facility Upgrade	42	CWT - Secondary Treatment - C			0*							
Proctor, Town of	Ormsbee Avenue Sewer and Stormwater Improvements	39	CWT - Sewer System Rehabilitation			0*							
Castleton, Town of	Route 30 Sewer Improvements	31	CWT - Sewer System Rehabilitation			0*							
Rutland, City of	Vernon Street Stormwater Separation & Combined Sewer Replacement	81	CWT - CSO Correction	45,000	90,000	1,517,000						1,652,000	100,000
Burlington, City of	Citywide Gravity Pipe Assessment and Rehabilitation	79	CWT - Sewer System Rehabilitation	997,204	200,000	9,900,000							100,000
Rutland, Town of	Smart Control Installation @ Calvary Cemetery CSO Structure	78	CWT - CSO Correction	20,000	30,000	450,000					500,000	500,000	25,000
Burlington, City of	Integrated Water Quality Management Planning	77	CWT - CSO Correction				6,750,000						100,000
Burlington, City of	WWTP Process and/or Capital Equipment Infrastructure Upgrades	76	CWT - Advanced Treatment	1,000,000	2,100,000		34,900,000						100,000
Rutland, City of	Upper Crescent Street Stormwater System Upgrade & Treatment	76	Stormwater - Gray Infrastructure	5,000	15,000	305,000					100,000		10,000
Rutland, City of	Northwest Neighborhood Sewer Separation Project	74	CWT - CSO Correction		25,000	1,900,000						1,900,000	12,500
St. Johnsbury, Town of	Pleasant Street and Gilman Avenue CSO	73	CWT - CSO Correction	118,000	205,000	3,677,000					65,000	800,000	100,000
Rutland, City of	Strong's Avenue Stormwater Treatment & Detention System	72	Stormwater - Green Infrastructure	22,000			878,000						11,000
Rutland, City of	Meadow Street CSO Abatement Project	72	Stormwater - Gray Infrastructure	25,000	50,000	850,000					100,000	925,000	37,500
Barre, City of	WWTF 20-Year Evaluation	71	CWT - Advanced Treatment	175,000	350,000	6,500,000					2,600,000	1,500,000	100,000
Burlington, City of	Stormwater Outfall Repair	69	Stormwater - Gray Infrastructure	50,000	250,000		2,620,000						100,000
St. Albans, City of	Lower Weldon CSO	63	CWT - CSO Correction	50,000	100,000		950,000						75,000
So. Burlington, City of	Hadley Road Area Infrastructure Improvements Project	62	CWT - CSO Correction	94,700	212,020	2,673,280					60,000	2,053,000	100,000
Colchester, Town of	Malletts Bay Sewer Project	62	CWT - New Collector Sewers	100,000	900,000	15,500,000						16,500,000	100,000
Bridgewater, Town of	PER and 20 Year Review	62	Other - Planning and Assessments	35,000									17,500
Barre, City of	Biosolids Improvements	62	CWT - Advanced Treatment	27,600	55,200	900,000					200,000	982,800	41,400
Rutland, City of	Stormwater Management System on Easterly Avenue	60	Stormwater - Green Infrastructure		40,000	685,000					360,000		20,000
Richmond, Town of	Richmond East Main Street Enhancements Project	59	Stormwater - Gray Infrastructure		100,000	1,000,000					180,000		50,000
Winooski, City of	Main Street Revitalization Project (RF1-212-1.0)	52	CWT - Infiltration/Inflow Correction	213,276	300,000	3,000,000					1,500,000		100,000
Bristol, Town of	Bristol Wastewater Treatment and Disposal System Upgrade	51	CWT - Advanced Treatment	16,000	33,000		579,000						24,500
Hartford, Town of	White River Junction Downtown Stormwater Improvements	50	Stormwater - Gray Infrastructure			700,000							
Fair Haven, Town of	River Street Sewers and Storm	49	Stormwater - Green Infrastructure	25,000	50,000	600,000							37,500
Northfield, Village of	Main Street Drainage Separation	48	CWT - CSO Correction	22,300	106,000	2,271,700						509,000	64,150
St. Johnsbury, Town of	Wastewater Treatment Facility Upgrade	48	CWT - Advanced Treatment			1,836,000						500,000	
Richmond, Town of	Richmond Bridge Street Infrastructure Improvements Project	47	Stormwater - Gray Infrastructure										
Bennington, Town of	Bennington WWTF Upgrade	47	CWT - Advanced Treatment	35,000	265,000	5,000,000							100,000
Westford, Town of	Town Center Community Wastewater System	46	CWT - New Collector Sewers	120,000			111,000	1,610,000					60,000
Rutland, City of	Digester Cover Rehabilitation or Replacement & Digester Building Upgrades	44	CWT - Advanced Treatment	73,000	150,000	2,577,000					1,600,000	2,800,000	100,000
Middlebury, Town of	Combined Sewer Overflow Abatement for Pump Stations #3 and #9	43	CWT - CSO Correction	50,000	100,000	850,000						1,000,000	75,000
Berlin, Town of	Paine Turnpike North - Wastewater Improvements Project	42	CWT - Sewer System Rehabilitation	50,000	90,000	1,722,210					200,000		70,000
Williston, Town of	Allen Brook Flow Restoration Plan Projects	42	Stormwater - Gray Infrastructure										
So. Burlington, City of	Bartlett Bay Wastewater Treatment Facility Refurbishment Project	42	CWT - Advanced Treatment	400,000			800,000		16,300,000				100,000
Brandon, Town of	Park Street Infrastructure Improvements	42	CWT - Sewer System Rehabilitation										
Hinesburg, Town of	Wastewater treatment facility upgrade and expansion	39	CWT - Advanced Treatment	300,000			700,000	8,000,000					100,000
Chester, Town of	Chester Stormwater System Development	38	Stormwater - Gray Infrastructure	20,000	70,000	920,000					200,000		45,000
Addison, Town of	Addison Community Wastewater System	34	NPS - Individual/Decentralized Sewage Treatment	61,298	56,974	498,000					160,351		59,136
Fair Haven, Town of	Wastewater Treatment Facility Refurbishment	34	CWT - Secondary Treatment	50,000	100,000	2,000,000							75,000
Hartford, Town of	South Main Street, Gates Stormwater Improvements	33	Stormwater - Gray Infrastructure	25,000	75,000	900,000					100,000		50,000
Castleton, Town of	Crystal Heights Sewer	32	CWT - New Collector Sewers	15,000	35,000		400,000						25,000
Ludlow, Village of	WWTF Upgrade	32	CWT - Secondary Treatment	50,000	90,000	1,860,000							70,000
Hartford, Town of	South Main Street, Gates, North Main Street wastewater improvements	31	CWT - Sewer System Rehabilitation		60,000	900,000							30,000
Brattleboro, Town of	Retreat and Wilson Woods Pump Station Upgrades	31	CWT - Sewer System Rehabilitation	12,000	38,000	700,000							25,000
Hyde Park, Village of	Wastewater system improvements	30	CWT - Secondary Treatment	35,000									17,500
Proctor, Town of	Willow Street Pump Station	30	CWT - Sewer System Rehabilitation	25,000	50,000		350,000						37,500
Winooski, City of	Winooski WWTF Headworks Upgrade	29	CWT - Secondary Treatment	26,000	70,000	1,104,000							48,000
Barre, City of	Trunkline and North Main Street Wastewater Improvements	27	CWT - Sewer System Rehabilitation	65,000									32,500
Pittsford, Town of	Depot Hill Rd Sewer and PS Improvements and WWTF Control Improvements	26	CWT - Sewer System Rehabilitation	2,815	33,435	529,050					85,000		18,125
Lyndon, Town of	Pinehurst Street Sewer Replacement	25	CWT - Sewer System Rehabilitation	10,000	60,000	430,000							35,000
Montpelier, City of	Montpelier WRRF Upgrade	24	CWT - Advanced Treatment	100,000	400,000		7,500,000						100,000
Fairfax, Town of	Fairfax Wastewater Treatment Facility Upgrade	23	CWT - Secondary Treatment	63,000	117,000	1,840,000							90,000
West Windsor, Town of	West Windsor Resort Upper Loop Sewer	7	CWT - Sewer System Rehabilitation										
	TOTAL			4,629,193	7,086,629	76,155,240	56,538,000	9,610,000	16,300,000	0	8,085,351	33,011,101	2,788,811
	Anticipated Commitments					(87,871,062)	(56,538,000)	(9,610,000)	(16,300,000)	0			
	Federal Funds					5,974,000	5,974,000	5,974,000	5,974,000	5,974,000			
	State Matching Funds					1,294,800	1,294,800	1,294,800	1,294,800	1,294,800			
	Repayment funds					11,365,151	11,365,151	11,365,151	11,365,151	11,365,151			
	Carry Forward					56,631,583	0	0	0	0			
	Total Available Funds					75,264,734	18,633,951	18,633,951	18,633,951	18,633,951			

*These projects have already received or will be receiving funding from the FFY2017 IUP and are being included should there additional funding needs

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
POWNAI 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	VT0100226
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	T0100358
City of South Burlington	Airport Parkway Wastewater Treatment Facility	VT0100366
		VT0100153 VT0100307 VT0100226
City of Burlington	Integrated Stormwater and Wastewater Planning and Early Implementation	VT0100226
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