

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

State FY 2017 Municipal Pollution Control Project Priority List  
and Federal FY 2016 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 2017 Pollution Control Project Priority List.
2. Priority points on the Planning 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 were reviewed for requirements which might result in infrastructure projects over the next five years, and these were included on the appropriate year Project List.

## PRELIMINARY AND FINAL DESIGN ENGINEERING PLANNING LIST ABBREVIATIONS AND NOTATIONS

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

**“REF”** stands for **refurbishment**. When a facility’s NPDES permit is renewed for the five year period within which its twentieth year of operation falls, the permit includes a requirement to perform an evaluation of the facility to identify the improvements and renovations that are necessary to enable the facility to continue to operate efficiently and meet its discharge standards for another twenty to twenty-five year design period.

**“CSO”** stands for **combined sewer overflow** abatement projects. 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.

**“PHOS”** stands for **phosphorus** removal projects. State statute prohibits most discharges to the drainage basins of Lake Champlain and Lake Memphremagog that contain a phosphorus concentration in excess of 0.8 milligrams per liter on a monthly-average basis, and requires that phosphorus effluent limits be implemented in any drainage basin where needed to meet the requirements of a total maximum load document or attain compliance with water quality 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 are 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.

**“ENL”** stands for **enlargement** of current facilities to handle increased wastewater flows resulting from municipal growth. 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 **non point source**.

**“SEWEX”** stands for **sewer line replacement**.

**“SW”** stands for **stormwater**.

**VERMONT**  
**CLEAN WATER INTENDED USE PLAN**  
**FEDERAL FISCAL YEAR 2016 FUNDS**

**June 29, 2016**

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 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.
- (4) To coordinate state funded programs for wastewater treatment facilities with activities of the CWSRF.
- (5) To provide effective program management to ensure integrity of the CWSRF.
- (6) 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.
- (7) To expedite project development, funding and cash draws.
- (8) 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 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, dry weather sewage flow abatement, and sludge & septage improvements 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. By comparison, the existing grant eligibilities are up to 25% for CSO abatement, 35% for dry weather sewage flow abatement, and 50% for sludge & septage improvements.

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. Currently, CSO abatement projects qualify for a CWSRF loan in the amount of 50% of the total eligible project cost, and a 25% water pollution control construction grant from state funds. The remaining 25% of project funds may come from local bond issues or in cases where federal subsidies are authorized, may come from a CWSRF loan. Certain sludge and septage treatment and disposal projects presently qualify for a mix of 50% CWSRF loan and 50% state grant on eligible project costs.

### E. CWSRF Administration

Although the CWSRF may be used for the refinancing of local debt obligations incurred after March 7, 1985, Vermont does not intend to use the fund in this way until all necessary pollution control projects have been constructed, unless there is compelling public benefit to be secured. The interest rate on CWSRF loans issued to refinance debt has been set at 80% of the average rate on marketable obligations of the state. All other CWSRF loans are currently issued at 0% interest. An administrative fee of up to 2% on construction loans took effect on July 1, 1999. Fee proceeds will be 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. An administrative fee income for State FY2017 is projected to be approximately \$2.4 million. Historically, all fees collected were considered to be program income. After 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 2016 and Future Years

The federal fiscal year 2016 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 and Vermont is receiving \$972,800 of matching funds from the state FY2017 capital appropriation, with the balance of \$332,200 expected to be appropriated during the spring of 2017 as part of the state FY18 and FY19 biennial capital bill. 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	9,500,000
Carry-Forward	61,075,830
TOTAL	\$78,405,830

Uses

Anticipated Commitments	78,005,830
Administrative	400,000
TOTAL	\$78,405,830

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.

E. Criteria and Methods for Distribution of Funds

The Vermont General Assembly enacted Act 75 creating 24 V.S.A. Chapter 120 in the 1987 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 incorporates those criteria in addition to criteria required in federal construction grant regulations 40 CFR

Section 35.915. Chapter 120 was amended in the 2007 session to increase the percentage of the fund which could be used for certain stormwater projects from 10% to 30%.

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 ten-year period inclusive of state fiscal year 2017. We anticipate a large volume of projects and requests for funds in state fiscal years 2017 to 2026 which the fund will likely support. A cap on the CWSRF loan funds will not likely be needed at this time. Stormwater projects and projects with continuing status receive elevated priority when developing the priority list.

F. Use of Funds for Nonpoint Source Projects

This year, two nonpoint source projects are scheduled to be funded. One project is in the Town of Addison and consists of a new land-based wastewater disposal system to serve an existing small population center and the other is in the Town of Ryegate, consisting of refurbishment of an existing wastewater disposal system.

G. Reallocated Funds

In the event funds are reallocated from the DWSRF to the CWSRF, 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.

H. Public Participation

Vermont follows public participation procedures in the development of the annual Pollution Control 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 8, 2015, 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 2017, and to attend an initial public hearing to be held on April 28, 2016. On March 24, 2016, a draft

priority list and IUP was sent to the same parties with a reminder about the public hearing. The public hearing was well attended and a Public Responsiveness Summary has been prepared to address oral and written comments received by the Department at the public hearing and through the comment period. The Public Responsiveness Summary is included in Section P of this IUP.

#### I. 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)).

#### J. 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. Reporting to FFATA and NIMS will also be completed.

#### K. 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. Funds may be, but are not planned at this time, to be transferred between the CWSRF and the DWSRF.

WRRDA Requirement	Vermont Implementation
A/E services procurement	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. The State will maintain the option for municipalities unable to comply with the A/E requirement through use of second tier (revolving loan funds) for engineering services.
GAAP compliance	Loan agreements are changed to 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.
Fiscal sustainability plan (FSP)	The CWSRF Program has issued guidance, FSP Table, and a certification form in order to comply with this requirement. The municipality can certify that they have currently have and implement and FSP with the funding application or develop a plan parallel with project construction. If 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 loan disbursement.
Cost and effectiveness, and water/energy efficiency of project	The 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 as an addendum to the PER. CWSRF intends to partner with the nonprofit organization Efficiency Vermont to offer free energy efficiency evaluations to applicants.
American Iron and Steel	Applies to any treatment works projects in which loans are executed after October 1, 2014



L. Project Funding

**Projects Anticipated to Receive Federal Fiscal Year (FFY) 2016 CWSRF available Funds\***  
**(Award of federal fiscal year 2016 Funds are anticipated to be made**  
**during state fiscal year 2017)**

<b>Project /Activity</b>	<b>Total Project Cost**</b>	<b>SRF Loan State Match</b>	<b>Federal Share FFY 2016 Funds</b>
See 2017 Priority List Attached	\$7,430,000	\$1,305,000	\$6,125,000
Vermont SMRF Administrative Expense	\$400,000		\$400,000
<b>Total</b>	<b>\$7,830,000</b>	<b>\$1,305,000</b>	<b>\$6,525,000</b>

Detailed project information is included in the attached Municipal Pollution Control Projects Priority List for state fiscal year 2017. 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 2016 EPA Capitalization Grant			
<b>Payment No.</b>	<b>Quarter</b>	<b>Date</b>	<b>Amount</b>
<b>1</b>	<b>2017-1</b>	<b>7/1/2016-9/30/2016</b>	<b>1,705,000</b>
<b>2</b>	<b>2017-2</b>	<b>10/1/2016-12/31/2016</b>	<b>1,305,000</b>
<b>3</b>	<b>2017-3</b>	<b>1/1/2017-3/31/2017</b>	<b>1,305,000</b>
<b>4</b>	<b>2017-4</b>	<b>4/1/2017-6/30/2017</b>	<b>1,305,000</b>
<b>5</b>	<b>2018-1</b>	<b>7/1/2017-9/30/2017</b>	<b>905,000</b>
<b>Total</b>			<b>\$6,525,000</b>

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

\*\* Costs will change as projects are refined

M. Green Project Reserve

The Vermont requirement for Green Project Reserve (GPR) for federal fiscal year 2016 is 10% of the federal grant, or \$652,500. This year, nine projects applied for an estimated amount of \$8,550,000 in qualifying green project reserve project costs. 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. It is anticipated that the Vermont CWSRF program will meet the GPR requirement.

N. Additional Subsidy

For the Federal FY2016 IUP, the Clean Water State Revolving Fund (CWSRF) loan program is proposing to apply available loan subsidies to projects for engineering planning and final design activities for sustainable projects. Pursuant to the applicable 2016 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. This IUP proposes to provide up to 50% subsidy for eligible planning and design costs for a maximum amount of \$250,000 per borrower. Available subsidy will be awarded on a first-come, first-serve basis. In order to be considered for subsidy, the QBS certification, completed and signed funding application, and draft engineering services agreement must be received. Although it is not anticipated that we will have difficulty awarding loans meeting the minimum amount of required subsidy, should it become necessary, additional subsidy will be applied to individual projects in order to meet that minimum amount, again on a first-come, first-serve basis.

In the case that an applicant receives funding from a previous fiscal year and they seek an amendment in the FFY2016 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. This additional subsidy would still have a maximum amount of \$250,000 per borrower cap but could be additive from previous grant year awards.

O. State Affordability Criteria

Affordability factors will include Median Household Income (MHI), population trends and unemployment rates, and points may be applied for each factor. Points for MHI are determined by the formula  $(1 - (MHI/SMHI) * 100)$ , where SMHI is the State Median Household Income. Points will apply in cases where the  $MHI < SMHI$ . Median household incomes will be based on the 2013 American Community Survey five-year average. Population trend points are determined based on population trends for the period 2010 to 2030 conservative values from the report Vermont Population Projections – 2010 – 2030, August 2013 by Ken Jones and Lilly Schwarz. Points are assigned by ranges of population trends where 0% to -4.9% has 1 point, -5.0% to -9.9% has 2 points, -10.0% to -14.9% has 3 points, etc. Unemployment rate points are based on 2014 annual unemployment rates and assigned by ranges of unemployment rates above the state average rate, where 4.2% to 4.9% has 1 point, 5.0% to 5.9% has 2 points, and 6.0 to 6.9% has 3 points.

P. Responsiveness Summary

On March 24, 2016, the Facilities Engineering Division released the Draft version of the Federal Fiscal Year 2016 Intended Use Plan (IUP) and the State Fiscal Year 2017 Municipal Pollution Control Priority List. In addition, on April 28, 2016, a hearing was held to further solicit public comment. The hearing was attended by several consulting engineers, municipal representatives, state employees representing partner organizations, and nonprofit partners such as Vermont Rural Water. Listed below are comments received since the Draft release, including the public hearing, with replies as appropriate.

1. The City of Burlington noted that the Draft list was missing priority list applications for the following projects: (1) City-wide Gravity Pipe Assessment and Rehabilitation, (2) Phosphorous reductions through Stormwater Outfall Assessment and Repair, and (3) WWTP Process and/or Capital Equipment Infrastructure Upgrades projects.  
**Reply: These projects were subsequently added to the list and ranked. They were available for the public hearing.**
2. The City of Montpelier submitted revised priority list applications for their projects to reflect changes in project costs.  
**Reply: These projects were added and ranked accordingly.**
3. The City of South Burlington submitted six priority list applications that are accounted for in the final priority list.  
**Reply: These projects were added and ranked accordingly.**
4. Comment from a consulting engineer who questioned the reduction of the subsidy cap from \$500,000 in 2016 to \$250,000 in 2017. He suggested that in the case that not all of the subsidy could be allocated, then we might want the flexibility to increase subsidy amount per project.  
**Reply: We do not foresee any difficulty in allocation of the minimum subsidy amount. However, in order to provide maximum flexibility, we have added language to “N. Additional Subsidy” paragraph above.**
5. City of Burlington submitted a comment that a public stakeholders process should be engaged during the rulemaking process pursuant to the Act 103 (H.610) provision to revise the priority points system for CWSRF loans and municipal water pollution control grants. The City would like to participate in the rulemaking process.  
**Reply: We are committed to utilizing a transparent stakeholders process to revise the priority point system. The input from municipalities is integral to this process. We will be reaching out to municipalities, including the City of Burlington, for their involvement in this revision before initiating formal rulemaking.**
6. City of Burlington suggested that “the additional subsidy of up to 50% subsidy for eligible planning and design costs for a maximum amount of \$250,000 per borrower” be made available per year, instead of per borrower.  
**Reply: We recognize the interest in leveraging the maximum amount of subsidy. In the case that a previously awarded planning or design loan is increased or progresses from planning to design from one year to the next, the increased amount will be eligible 50% subsidy with a \$250,000 *per borrower* limit. It is important to recognize that subsidy is competitive and not automatic. This scenario is included in paragraph the “N. Additional Subsidy” above.**

2017 Pollution Control Priority and Planning List																
Municipality or Watershed Name	Project Name	Priority Points	Type	2017 SRF Loan Need Step I	2017 SRF Loan Need Step II	2017 SRF Loan Need Step III	2018 SRF Loan Need Step III	2019 SRF Loan Need Step III	2020 SRF Loan Need Step III	2021 SRF Loan Need Step III	SFY16 Allocated State Grants	SFY17 Anticipated State Grants	SFY 2018-2021 Potential State Grant Eligibility	*	Green Project Reserve Amount	Potential Subsidy
Burlington, City of	Integrated WQM Planning and SW/Wet Weather improvements	25.31	SW	400,000			350,000	3,500,000					0	*	400,000	200,000
Burlington, City of	Phosphorus reductions through Stormwater Outfall Assessment and Repair	5.74	SW	100,000	240,000		2,000,000						0		600,000	16,000
Hartford, Town of	White River Junction	5.12	SW			700,000							0	*		
Chester, Town of	Storm Drain System Evaluation	4.50	SW	20,000									5,000			10,000
Saint Johnsbury, Town of	Eastern & Western Ave, Main St CSO	14.95	CSO-C								76,247	507,150	707,684			
Springfield, Town of	Valley St	14.17	CSO-C								1,835	12,203	17,029			
Rutland, City of	Neighborhood Sewer Separation Phase I	13.19	CSO-C								78,565	522,569	729,199			
Springfield, Town of	J & L CSO - Collection System Improvements	12.85	CSO-C		50,000	1,000,000					10,702	71,186	99,334			25,000
Brattleboro, Town of	WWTF Rehab	10.74	REF-C								146,776	976,267	1,362,295			
West Windsor, Town of	Brownsville Sewer	9.63	SEWER EXT-C								28,132	187,118	261,107			
Montpelier, City of	East State Street CSO	21.68	CSO			350,000							0	*		
St. Albans, City of	Lower Weldon CSO Abatement	19.46	CSO	25,000	70,000		780,000						250,000			47,500
Middlebury, Town of	Combined Sewer Overflow Abatement	16.94	CSO	100,000									0	*		50,000
Swanton, Village of	WWTF Phosphorus Removal Upgrades	31.45	REF	50,000												25,000
Winooski, City of	Winooski WWTF Headworks and Phosphorus Removal	21.44	REF	50,000			450,000									25,000
Hinesburg, Town of	Hinesburg WWTF Upgrade/Expansion	15.33	REF	50,000			2,500,000									25,000
Williamstown, Town of	Wastewater treatment facility refurbishment	15.24	REF	44,000	123,000	2,200,000									50,000	83,500
Montpelier, City of	WWTF Refurbishment and Phosphorus Removal	15.13	REF	100,000	250,000		450,000									175,000
South Burlington, City of	Hadley Road Sewer Service Area Refurbishment	14.80	REF		101,000			3,560,000								50,500
St. Johnsbury, Town of	St. Johnsbury Wastewater Improvements, Phase 2	13.73	REF	68,170	418,410	3,370,000							577,500			243,290
St. Albans, City of	Wastewater treatment facility refurbishment	9.69	REF	65,000	700,000	13,035,000							1,750,000		1,750,000	250,000
Burlington, City of	WWTF Process and/or Capital Equipment Infrastructure Upgrades	7.91	REF	1,000,000			2,100,000		3,900,000							250,000
North Branch FD #1	Wastewater Treatment and Disposal Improvements	7.40	REF		111,000	4,096,468										55,500
Bennington,Town of	WWTF Upgrade	6.98	REF	20,000	675,000		1,250,000						197,500		500,000	250,000
Bellows Falls Corporation,Village of	Sewer main replacement on Hadley Street, Chase Park, Oak Street, Burt Street and Mill Street	6.18	REF	5,000	90,000	1,325,000										47,500
Royalton, Town of	Wastewater System Improvements	5.54	REF	30,000	110,000	1,670,000							25,000		200,000	70,000
Westford, Town of	Town Center Community Wastewater System	5.53	REF	110,000	111,000		1,610,000									110,500
Castleton, Town of	WWTF Refurbishment	5.45	REF	30,000	300,000		1,520,000									165,000
Shelburne, Town of	Shelburne Plant #1 and #2 Improvements	5.29	REF	40,000	150,000	2,550,000										95,000
Castleton, Town of	Main Trunk Sewer Replacement	5.16	REF	30,000	70,000		1,000,000									50,000
Montpelier, City of	Northfield Street Sewer Improvements	5.12	REF		30,000	1,500,000										15,000
Bellows Falls Corporation,Village of	Sewer main replacement on Blake Street and Park Street	5.09	REF	16,500	33,000	450,000										24,750
Williston, Town of	Route 2A Gravity Sewer	4.97	REF	1,300	5,600	112,900										3,450
Barre,City of	Trunkline and North Main Street Wastewater Improvements	4.97	REF	57,000										*		28,000
Barre,City of	WWTF Headworks Upgrade	4.95	REF	50,000												25,000
Brandon, Town of	Champlain Pump Station	4.93	REF	10,000	35,000	395,000										22,500
Bristol, Town of	Bristol Wastewater Treatment Facility Upgrade	4.83	REF	5,500			484,720									2,750
Ludlow, Village of	Wastewater treatment facility refurbishment	4.83	REF	15,000	30,000	350,000									50,000	22,500
Brandon, Town of	Sewer System Evaluation and Rehabilitation	4.76	REF	20,000	20,000	302,500										20,000
West Windsor, Town of	Resort Upper Loop Sewer	4.71	REF	10,000	20,000		420,000									15,000
Proctor, Town of	Willow Street Pump Station	4.65	REF	20,000	30,000	250,000										25,000
Waitsfield, Town of	Waitsfield Decentralized Wastewater Systems	4.53	REF	50,000	50,000	200,000									350,000	50,000
Colchester Fire District #2	New gravity sewer collection system to serve the Malletts Bay area	16.35	SEWER EXT	218,500	1,000,000		15,000,000						426,475			250,000
Castleton, Town of	Crystal Heights Sewer	13.48	SEWER EXT		30,000	333,400							70,000			15,000
Addison,Town of	Addison Community Wastewater System	7.22	NPS	51,298	56,974	498,000								*		54,136
Ryegate	Filter Bed #2 Reconstruction	4.20	NPS	3,000	6,000	60,000							31,500			4,500
Rutland, City of	Wastewater Collection and Combined Sewer Overflow Planning Study	26.95	OTH	150,000									37,500			75,000
Burlington, City of	City-wide Gravity Pipe Assessment and Rehabilitation	15.07	OTH	930,000	50,000	3,940,000							1,722,000			250,000
Burlington, City of	453 & 501 Pine Street Redevelopment	7.22	OTH	100,000	150,000	4,650,000									4,650,000	125,000
South Burlington, City of	Bartlett Bay WWTF Refurbishment	15.75	REF						15,300,000							
South Burlington, City of	Lane Press Pump Station & Force Main Upgrade	14.80	REF				4,130,000									
South Burlington, City of	Airport Parkway WWTF	14.78	REF					3,560,000								
South Burlington, City of	Airport Pkwy Outfall Refurb	5.23	REF				500,000									
Williston, Town of	Stormwater Projects FY 2020	21.71	SW						205,113							
Williston, Town of	Stormwater Projects SFY 2021	17.93	SW							611,100						
South Burlington, City of	Gravity Sewer Inflow & Infiltration Reduction	5.19	OTH				150,000									
Lake Champlain	Phosphorus TMDL	N/A	OTH				2,300,000	10,600,000	16,800,000	26,107,477						
		Total		4,045,268	5,115,984	43,338,268	36,994,720	21,220,000	36,205,113	26,718,577	342,257	2,276,493	8,269,123		8,550,000	3,346,876
		Anticipated Commitments				(52,499,520)	(36,994,720)	(21,220,000)	(36,205,113)	(26,718,577)						
		Federal Funds					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						
		Repayment Funds					9,500,000	9,500,000	9,500,000	9,500,000						
		Carry Forward					61,075,830	25,607,310	10,322,590	13,152,590	9,177,477					
		Total Available Funds					78,005,830	42,537,310	27,252,590	30,082,590	26,107,477					

**PLIST Notes:**

1) \* Denotes that the additional FY17 grant is a potential allocation but has not been appropriated.

2) A total of \$1,957,500 in loan subsidies are available. Subsidy will be awarded on a first-come, first-serve basis. See Intended Use Plan for additional details regarding subsidy eligibility.

3) Lake Champlain TMDL projects based on DEC 2015 WWTF capital cost estimate to achieve EPA's proposed phosphorus limits.

# 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
City of Burlington	Enhanced WWTP Phosphorus Removal	VT0100153 VT0100307 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	
City of South Burlington	Sewer Pump Station SCADA Replacement	VT0100366 T0100358
City of South Burlington	Airport Parkway Wastewater Treatment Facility	VT0100366
City of Burlington	Integrated Stormwater and Wastewater Planning and Early Implementation	VT0100153 VT0100307 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