

DEPARTMENT OF ENVIRONMENTAL CONSERVATION LEGISLATIVE REPORT

Annual Report on the Vermont Environmental Protection Agency (EPA) Pollution Control Revolving Fund

Year: 2022

Date reported: January 15, 2022

Authorizing statute: 24 VSA Ch. 120 Section 4753a(a)

Committees: House Committees on Corrections and Institutions and on Natural Resources, Fish, and Wildlife and the Senate Committees on Institutions and on Natural Resources and Energy

Prime contact: Eric Blatt and Padraic Monks

Executive Summary

This report provides the general assembly with an annual summary of loan awards made during the prior and current fiscal years from the special Vermont Environmental Protection Agency (EPA) Pollution Control Revolving Fund, also referred to as the Clean Water State Revolving fund (CWSRF). The purpose is to report on and seek legislative approval for all the types of projects for which awards are proposed to be made from the funds for the balance of the current and subsequent fiscal year.

This report includes four tables summarizing loan awards and project types financed through the CWSRF as follows:

- Table 1: Consists of loan awards made during state fiscal year 2021.
- Table 2: Consists of loan awards as of 12/15/2021 during state fiscal year 2022.
- Table 3: Consists of a listing of the remaining projects anticipated to be funded in state fiscal year 2022, which may change due to projects being removed or dollar amounts adjusted before finalization.
- Table 4: Consists of a description of the types of projects eligible to receive funding through the CWSRF.

Key Takeaways

- In FY21: 40 loans were awarded totaling \$27.7M, of which 35 were municipal and 5 were private.
- In FY22: 23 loans have been awarded totaling \$9.7M, of which 22 were municipal and one was private, and \$55.6M is currently available for pending projects. The total pending amount shown in Table 3 is \$70.5M, which exceeds the remaining available funds, so any projects not funded or only partially fully funded that are ready to proceed during FY22 would be included as continuing projects on the FY23 priority list.

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Discussion

Act 185 of 2018 expanded eligibility of the CWSRF to a broader array than previously allowed for nonpoint source pollution control projects and to private entities. State fiscal year 2019 was the first funding period following passage of that Act. This expanded eligibility is captured under a new term Clean Water Project, which is defined in state statute at 24 V.S.A. §4752(11) and is included below along with two other relevant statutory terms. These definitions provide the basis for making CWSRF project eligibility determinations.

"Clean water project" means water pollution abatement and control facilities, as defined in 10 V.S.A. § 1571, and such equipment, conveyances, structural or nonstructural facilities, and natural resources projects that are needed for and appurtenant to the prevention, management, treatment, storage, or disposal of stormwater, sewage, or waste, or that provide water quality benefits, including a wastewater treatment facility, combined sewer separation facilities, an indirect discharge system, a wastewater system, flood resiliency work related to a structural facility, or a groundwater protection project.

"Water pollution abatement and control facilities" means such equipment, conveyances, and structural or nonstructural facilities owned or operated by a municipality that are needed for and appurtenant to the prevention, management, treatment, storage, or disposal of stormwater, sewage, or waste, including a wastewater treatment facility, combined sewer separation facilities, an indirect discharge system, a wastewater system, flood resiliency work related to a structural facility, or a groundwater protection project.

"Natural resources project" means a project to protect, conserve, or restore natural resources, including the acquisition of easements and land, for the purpose of providing water quality benefits.

TABLE 1**CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2021**

Date	Loan Number	Loan Recipient	Project Description	Loan Amount
2/1/2021	INT-004-3.0	Vermont Land Trust	Bluffside Farm	\$1,400,000
11/20/2020	INT-005-3.0	Upper Valley Land Trust	Woody Adams Conservation Forest	\$300,000
2/15/2021	INT-006-3.0	Huntington, Town of	Huntington Community Forest	\$309,000
1/27/2021	INT-007-3.0	Vermont Land Trust	Farmland Futures Fund FY21	\$3,000,000
2/2/2021	RF1-195-3.0	Addison, Town of	Addison Community Wastewater System	\$706,466
8/3/2020	RF1-212-2.1	Winooski, City of	Main Street Revitalization	\$25,000
4/30/2021	RF1-215-3.0	Saint Johnsbury, Town of	Pleasant St Gilman Rd CSO Project	\$5,113,643
9/8/2020	RF1-216-2.0	Bridgewater, Town of	WWTF & PS Refurbishment	\$43,550
4/20/2021	RF1-217-2.0	Northfield, Town of	Main St Stormwater Separation and CSO Abatement	\$76,800
12/2/2020	RF1-218-3.0	Pittsford, Town of	Depot Hill Rd Sewer and Pump Station	\$923,400

			Improvements and WWTF Control Improvements	
8/25/2020	RF1-222-3.0	Hartford, Town of	South Main St, Gates St, & North Main St Sewer and Stormwater Improvements	\$737,412
8/18/2020	RF1-223-2.0	Brandon, Town of	WWTF and Collection System Evaluation	\$29,500
2/8/2021	RF1-227-1.1	Saint Albans, City of	CSO Long Term Control Plan	\$36,000
10/21/2020	RF1-231-2.0	Whitingham, Town of	WWTF Refurbishment	\$214,200
9/8/2020	RF1-235-3.0	Rutland, City of	Digester Cover and Complex Rehabilitation	\$3,560,731
8/17/2020	RF1-236-3.0	Rutland, City of	WWTF Force Main	\$1,334,710
8/17/2020	RF1-237-3.0	Rutland, City of	Northwest Neighborhood Sewer Separation Project 1A	\$2,353,358
11/12/2020	RF1-239-1.2	Pownal, Town of	Pownal Landfill Remediation	\$12,902
11/2/2020	RF1-246-3.0	Burlington, City of	Disinfection System Upgrades	\$2,494,000
4/13/2021	RF1-248-3.0	Burlington, City of	Pump Stations Improvements Phase I (Flynn & Fletcher)	\$1,493,098

7/7/2020	RF1-249-3.0	Burlington, City of	SCADA - PLC Upgrade Design Build Project	\$425,000
7/13/2020	RF1-250-1.3	Swanton, Village of	Swanton Wastewater Treatment Facility	\$110,000
6/14/2021	RF1-251-1.1	Saint Johnsbury, Town of	CSO Long Term Control Plan	\$107,930
11/2/2020	RF1-252-3.0	Winooski, City of	Hickok St and West Ln Sewer and Stormwater Improvements	\$860,000
7/14/2020	RF1-253-2.0	Barre, City of	Biosolids Improvements Project	\$22,900
3/26/2021	RF1-255-1.2	Vergennes, City of	WWTF Evaluation	\$10,963
10/12/2020	RF1-262-1.0	Castleton, Town of	WWTF and Collection System Evaluation	\$37,900
7/21/2020	RF1-266-2.0	Woodstock, Town of	South Woodstock WWTF Upgrade	\$343,330
7/28/2020	RF1-267-2.0	Westford, Town of	Town Center Community Wastewater System	\$39,050
11/2/2020	RF1-268-1.1	Burlington, City of	Asset Management	\$266,403
12/16/2020	RF1-269-2.0	Franklin, Town of	Rte 236 Culvert Replacement	\$13,960

9/28/2020	RF1-270-1.0	Enosburg Falls, Village of	Elm and Main St. WW Refurbishment	\$15,000
5/12/2021	RF1-271-1.0	Hartford, Town of	CSO LTCP	\$91,700
6/2/2021	RF1-272-3.0	Ludlow, Village of	High Street Sewer Line Replacement	\$550,000
5/3/2021	RF1-274-1.0	Bolton Valley Community Water and Sewer, LLC	BVCWS Wastewater System Upgrade	\$52,600
4/13/2021	RF1-279-1.0	Burlington, City of	Pump Stations Phase II (Next 9 Pump Stations)	\$273,093
6/14/2021	RF1-280-3.0	Saint Albans, City of	Kingman Street Utility Improvements	\$265,000
3/16/2021	RF1-281-1.0	Barre, City of	North End Ejector Station Project	\$21,400
5/6/2021	RF1-282-1.0	Berlin, Town of	Berlin Corners Sewer Project	\$9,220
5/6/2021	RF1-283-1.1	Berlin, Town of	Asset Management/Transmission Main PER	\$55,000
Total Awards:				\$27,734,219

TABLE 2

CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2022 (thru 12/15/2021)

Date	Loan Number	Loan Recipient	Project Description	Loan Amount
12/10/2021	RF1-187-3.0	Burlington, City of	Sanitary Pipe Rehabilitation Project	\$1,614,094
8/18/2021	RF1-190-1.1	Montpelier, City of	East State Street CSO	\$41,865
9/27/2021	RF1-223-2.0	Brandon, Town of	WWTF and Collection System Evaluation	\$311,900
7/7/2021	RF1-229-3.1	Hinesburg, Town of	Wastewater Treatment Facility Upgrade	\$2,664,800
7/12/2021	RF1-241-2.0	Proctor, Town of	Willow Street Pump Station	\$79,400
7/26/2021	RF1-265-1.1	Orleans, Village of	Wastewater System Evaluation	\$35,700
9/30/2021	RF1-267-2.0	Westford, Town of	Town Center Community Wastewater System	\$250,351
10/13/2021	RF1-273-3.0	Johnson, Village of	River Road Ejector Station Upgrade	\$34,400
10/7/2021	RF1-275-2.0	Hardwick, Town of	Wastewater Treatment Facility Upgrade	\$109,325
9/30/2021	RF1-276-2.0	Addison County Community Trust	Lindale Community Wastewater System	\$182,035

11/15/2021	RF1-278-3.0	Burlington, City of	Gravity Stormwater Piping Refurbishment	\$2,560,000
10/4/2021	RF1-283-1.1	Berlin, Town of	Asset Management/Transmission Main PER	\$29,860
7/13/2021	RF1-284-2.0	Washington, Town of	Hands Mill Dam Removal	\$61,961
8/9/2021	RF1-285-1.0	Saint Albans, City of	Federal Street Sewer Separation	\$40,700
10/4/2021	RF1-287-1.0	Berlin, Town of	Berlin Riverton Village	\$34,700
10/4/2021	RF1-288-2.0	Berlin, Town of	Berlin 3-Acre SW Retrofit Project	\$157,820
8/17/2021	RF1-289-2.0	South Burlington, City of	South Burlington 3 Acre Stormwater Retrofit Designs	\$675,000
7/19/2021	RF1-290-1.0	Richmond, Town of	Gateway Wastewater Extension (West Main St)	\$13,600
8/17/2021	RF1-291-2.0	Hartford, Town of	Main St Contract II Project	\$31,700
9/22/2021	RF1-293-1.0	Montpelier, City of	WRRF Biosolids Dryer	\$50,000
10/12/2021	RF1-295-1.1	Montgomery, Town of	Community Wastewater System	\$249,853
10/20/2021	RF1-296-1.0	Burke, Town of	Community Wastewater System	\$9,600

9/23/2021	RF1-301-2.0	Hinesburg, Town of	WWTF Upgrade, Contract #2	\$458,200
Total Awards				\$9,696,864

TABLE 3

PENDING CWSRF PROJECTS – STATE FISCAL YEAR 2022

Award Date	Loan Recipient	Project Description	Loan Amount
PENDING	Montgomery, Town of	Town of Montgomery Center & Village New Wastewater Facility	\$10,600,000
PENDING	Derby Line, Village of	Stanstead QC	\$2,300,000
PENDING	Vergennes, City of	Vergennes Collection System Improvements and Long Term Control Plan	\$5,699,000
PENDING	Burlington, City of	Wastewater Treatment Facility Improvements "Phase 2"	\$11,370,749
PENDING	Northfield, Town of	Main Street Stormwater Separation and CSO Abatement	\$2,050,000
PENDING	South Burlington, City of	4 Pump Stations Refurbishment	\$1,625,000
PENDING	Winooski, City of	Main Street Revitalization Project (RF1-212)	\$650,000
PENDING	Brandon, Town of	Brandon WWTF Upgrade	\$5,400,000
PENDING	Hartford, Town of	Contract 2. White River Junction South Main Street Improvements	\$1,000,000

PENDING	Burlington, City of	FY 21 SW Outfall Rehabilitation: Manhattan Outfalls Rehabilitation	\$1,037,340
PENDING	Westford, Town of	Town Center Community Wastewater System	\$2,162,000
PENDING	Vergennes, City of	Vergennes WWTF Upgrade	\$7,911,000
PENDING	Castleton, Town of	Castleton WWTF Upgrade	\$2,361,000
PENDING	Johnson, Village of	River Road West Pump Station Replacement	\$311,900
PENDING	Montpelier, City of	East State Street Reconstruction	\$6,332,302
PENDING	Pownal, Town of	Landfill West Brownfield Remediation	\$1,000,000
PENDING	St. George Community Coop.	Septic Systems Replacement	\$2,500,000
PENDING	Vermont Natural Resources Council	Pelletier Dam removal	\$274,400
PENDING	Addison County Community Trust	Lindale Community Wastewater System	\$1,767,000
PENDING	Mountain Wastewater Treatment, Inc.	Tertiary Sand Filter Replacement	\$1,000,000
PENDING	Bolton Valley Community Water and Sewer, LLC	BVVWS WWTF Upgrade	\$3,141,000
Total Pending Loans:			\$70,492,691

Total SFY2021	\$27,734,219
Total SFY2022 to date (12/15/2021)	\$9,696,864
Total Pending Loans for Remaining of SFY2022	\$70,492,691
Total Projected CWSRF Loan Awards SFY21-22	\$107,923,774

Abbreviations as used in above tables:

SW - Stormwater

CSO - Combined Sewer Overflow Abatement

NPS - Non-Point Source (soils-based wastewater systems)

PS – Pump Station

WWTF – Wastewater Treatment Facility

TABLE 4
VERMONT ENVIRONMENTAL PROTECTION AGENCY (EPA) POLLUTION CONTROL REVOLVING LOAN FUND

PROJECT TYPES
Enlargement - Increase in treatment plant hydraulic and/or organic capacity
Upgrade - Improvements to wastewater treatment facility (WWTF) processes and units with or without capacity increase
Refurbishment - Plant or sewer collection system renovation
Combined Sewer Overflow Abatement - Storm sewer/sanitary sewer separation, storage and/or treatment to abate pollution
Sewer Extension - Sewer system extension to abate existing pollution or to serve new areas
New Wastewater Treatment Facility - Construction of new wastewater collection, treatment, and disposal systems
I/I Correction - Improvements to reduce infiltration/inflow in the collection system
Storm Water Treatment - Stormwater management facilities necessary to remedy or prevent pollution of surface water or groundwater
Individual and Cluster Type On-site Systems - Construction of privately-owned on-site wastewater disposal/treatment systems with municipal design/construction oversight and long-term operating and maintenance agreement between owner and municipality (Note: Cluster systems are on-site systems serving more than one residence)
Natural Resources: May include land conservation, wetland restoration, river corridor easements, unsafe dam removal, or other nonpoint source projects with a water quality benefit.
Other Clean Water Projects: Other eligible clean water projects may include energy or water conservation, contaminated sites, landfills, or other groundwater or surface water projects that would result in a water quality benefit.