

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

**Year: 2021**     **Prime Contact: Eric Blatt and Terisa Thomas**

**Date Reported: 1/15/2021**     **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**

**Authorizing Law #: 24 VSA Chapter 120**     **Section #: 4753a(a)**

**Executive Summary**

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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 of 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 2020.
- Table 2: Consists of loan awards as of 12/15/2020 during state fiscal year 2021
- Table 3: Consists of a listing of the remaining projects anticipated to be funded in state fiscal year 2021, which may change somewhat due to projects being removed and/or dollar amounts adjusted before finalization.
- Table 4: Consists of description of the types of projects eligible to receive funding through the CWSRF.

**Key Takeaways**

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- In FY20: 38 loans awarded totaling \$20.4M, of which 34 were municipal and 4 were private
- In FY21: 21 loans have been awarded totaling \$13.7M, of which 20 were municipal and one was private, and \$35.1M is currently pending for 19 projects

## Discussion

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Act 185 of 2018 expanded eligibility of the CWSRF to a broader array of 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.

## Loan Awards Tables, Executed and Pending

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This is a [link](#) to the tables described in the Executive Summary (above).

**TABLE 1****CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2020**

<b>Date</b>	<b>Loan Number</b>	<b>Loan Recipient</b>	<b>Project Description</b>	<b>Loan Amount</b>
9/10/2019	INT-001-3.0	Trust for Public Land	Rolston Property	3,966,504
9/10/2019	INT-002-3.0	Trust for Public Land	Hunger Mountain Headwaters	1,980,000
10/7/2019	INT-003-3.0	Vermont Land Trust	Worcester Woods	5,350,000
8/29/2019	RF1-222-3.0	Hartford, Town of	South Main St, Gates St, & North Main St Sewer and Stormwater Improvements	111,800
10/1/2019	RF1-242-1.0	Wilmington, Town of	Route 9 Sewer Collection System Feasibility Study	13,400
3/23/2020	RF1-243-3.0	Milton Mobile Home Cooperative	Milton MHP Infrastructure Project	47,511
7/22/2019	RF1-244-1.0	Plainfield, Town of	Wastewater System 20 Yr. Evaluation	22,600
10/1/2019	RF1-246-3.0	Burlington, City of	Disinfection System Upgrades	195,000

9/6/2019	RF1-247-1.0	Burlington, City of	WWTPs Upgrades Project	463,000
5/1/2020	RF1-248-3.0	Burlington, City of	Pump Stations Improvements Project	170,704
7/22/2019	RF1-250-1.3	Swanton, Village of	Swanton Wastewater Treatment Facility	62,900
9/23/2019	RF1-251-1.0	Saint Johnsbury, Town of	CSO Long Term Control Plan	128,300
8/5/2019	RF1-252-3.0	Winooski, City of	Hickok St and West Ln Sewer and Stormwater Improvements	13,100
10/22/2019	RF1-253-2.0	Barre, City of	Biosolids Improvements Project	17,242
12/20/2019	RF1-254-1.0	Burlington, City of	Industrial Pollution Pretreatment Planning	224,120
10/8/2019	RF1-255-1.2	Vergennes, City of	WWTF, Collection System, & Pump station Evaluation	218,582
9/16/2019	RF1-256-1.0	Fairfax, Town of	Fairfax Wastewater Treatment Facility Upgrade	35,700
9/24/2019	RF1-257-1.1	Enosburg Falls, Village of	Rte. 108 Bridge CSO - Long Term Control Plan	41,700
2/3/2020	RF1-258-1.1	Rutland, City of	CSO Long Term Control Plan	436,400

3/2/2020	RF1-259-1.0	Newport, City of	CSO Long Term Control Plan	79,400
4/22/2020	RF1-260-1.0	Pittsford, Town of	Rte. 7, Segment #2 Preliminary Design	66,285
3/23/2020	RF1-261-1.0	North Troy, Village of	WWTF 20 Year Evaluation	18,400
4/8/2020	RF1-263-1.0	Enosburg Falls, Village of	WWTF Evaluation	18,300
6/16/2020	RF1-264-1.0	Shelburne, Town of	Consolidation of Wastewater Treatment Facilities	82,900
6/8/2020	RF1-265-1.0	Orleans, Village of	Wastewater System Evaluation	30,000
10/8/2019	RF1-196-1.1	Burlington, City of	Integrated Planning and Management	538,020
5/1/2020	RF1-200-3.0	Hyde Park, Village of	Wastewater Disposal System Improvements	891,640
12/16/2019	RF1-212-2.1	Winooski, City of	Main Street Revitalization	302,567
11/11/2019	RF1-214-3.0	Brandon, Town of	Park St Wastewater Improvements	514,075
9/23/2019	RF1-215-3.0	Saint Johnsbury, Town of	Pleasant St Gilman Rd CSO Project	196,700
8/8/2019	RF1-218-3.0	Pittsford, Town of	Depot Hill Rd Sewer and Pump Station and WWTF Improvements	39,000

5/5/2020	RF1-220-2.0	Fair Haven, Town of	WWTF Upgrade	325,700
12/9/2019	RF1-223-1.2	Brandon, Town of	WWTF and Collection System Evaluation	38,000
10/8/2019	RF1-225-3.0	Ludlow, Village of	WWTF Upgrade	2,749,900
11/11/2019	RF1-228-3.0	West Windsor, Town of	Sewer System Rehabilitation Project	686,500
7/1/2019	RF1-236-3.0	Rutland, City of	WWTF Force Main	73,990
1/23/2020	RF1-239-1.2	Pownal, Town of	Pownal Landfill Remediation	239,801
4/22/2020	RF1-240-1.1	Montpelier, City of	CSO Long Term Control Plan	60,000
<b>Total Awards:</b>				<b>\$20,449,741</b>

**TABLE 2**

CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2021 (thru 12/15/2020)

<b>Date</b>	<b>Loan Number</b>	<b>Loan Recipient</b>	<b>Project Description</b>	<b>Loan Amount</b>
11/20/2020	INT-005-3.0	Upper Valley Land Trust	Woody Adams Conservation Forest	300,000
8/3/2020	RF1-212-2.1	Winooski, City of	Main Street Revitalization	25,000
9/8/2020	RF1-216-2.0	Bridgewater, Town of	WWTF & PS Refurbishment	43,550
12/2/2020	RF1-218-3.0	Pittsford, Town of	Depot Hill Rd Sewer and Pump Station Improvements and WWTF Control Improvements	923,400
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	RF1-223-1.2	Brandon, Town of	WWTF and Collection System Evaluation	29,500
10/21/2020	RF1-231-2.0	Whitingham, Town of	WWTFs 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
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
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 WWTF and Collection System Evaluation	22,900



10/12/2020	RF1-262-1.0	Castleton, Town of	WWTF and Collection System Evaluation	37,900
7/21/2020	RF1-266-1.0	Woodstock, Town of	South Woodstock WWTF Upgrade	79,000
7/28/2020	RF1-267-1.0	Westford, Town of	Town Center Community Wastewater System	39,050
11/2/2020	RF1-268-1.0	Burlington, City of	Asset Management	49,971
9/28/2020	RF1-270-1.0	Enosburg Falls, Village of	Elm and Main St. WW Refurbishment	15,000
<b>Total Awards</b>				<b>\$13,667,584</b>

**TABLE 3**

**PENDING CWSRF PROJECTS – STATE FISCAL YEAR 2021**

<b>Award Date</b>	<b>Loan Recipient</b>	<b>Project Description</b>	<b>Loan Amount</b>
PENDING	Saint Johnsbury, Town of	Pleasant St. and Gilman Ave. Sewer, and Stormwater Improvements	5,848,680
PENDING	Whitingham, Town of	Wastewater Facilities Improvements	3,379,500

PENDING	Derby Line, Village of	Rock Island (Quebec) Wastewater Treatment Facility Upgrade	2,300,000
PENDING	Woodstock, Town of	South Woodstock WWTF Upgrade	2,935,000
PENDING	Burlington, City of	FY 21 Collection System, Pump Stations and WW Infrastructure	9,000,000
PENDING	Franklin, Town of	Stormwater Management Upgrades Lake Carmi on State Route 236	400,000
PENDING	Hinesburg, Town of	Wastewater Treatment Facility Upgrade and Expansion	2,000,000
PENDING	Hartford, Town of	White River Junction South Main Street Improvements	2,100,000
PENDING	Middlebury, Town of	East Middlebury Flood Resiliency	500,000
PENDING	Addison, Town of	Addison Community Wastewater System	575,217
PENDING	Saint Albans, City of	Kingman Street Utility Improvements	250,000
PENDING	Barre, City of	Biosolids Improvements	827,558
PENDING	Proctor, Town of	Willow St. Pump Station Service Area Refurbishment	600,000
PENDING	Pittsford, Town of	Depot Hill Road Sewer/Pump Station/WWTF Improvements	920,000

PENDING	Winooski, City of	Hickok Street Sewer and Stormwater Collection System Improvements	650,000
PENDING	Ludlow, Village of	High Street and Pond Street Infrastructure Improvements	470,000
PENDING	Pownal, Town of	Landfill West Brownfield Remediation	1,000,000
PENDING	Mountain Wastewater Treatment, Inc.	Tertiary Sandfilter Replacement	1,000,000
PENDING	Town of Huntington	Huntington Town Forest	309,000
<b>Total Pending Loans: \$35,064,955</b>			

<b>Total SFY2020</b>	<b>\$20,449,741</b>
<b>Total SFY2021 to date (12/15/2020)</b>	<b>\$13,667,584</b>
<b>Total Pending Loans for Remaining of SFY2021</b>	<b>\$35,064,955</b>
<b>Total Projected CWSRF Loan Awards SFY20-21</b>	<b>\$69,182,280</b>

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**

<b>PROJECT TYPES</b>
<b>Enlargement</b> - Increase in treatment plant hydraulic and/or organic capacity
<b>Upgrade</b> - Improvements to wastewater treatment facility (WWTF) processes and units with or without capacity increase
<b>Refurbishment</b> - Plant or sewer collection system renovation
<b>Combined Sewer Overflow Abatement</b> - Storm sewer/sanitary sewer separation, storage and/or treatment to abate pollution
<b>Sewer Extension</b> - Sewer system extension to abate existing pollution or to serve new areas
<b>New Wastewater Treatment Facility</b> - Construction of new wastewater collection, treatment, and disposal systems
<b>I/I Correction</b> - Improvements to reduce infiltration/inflow in the collection system
<b>Storm Water Treatment</b> - Stormwater management facilities necessary to remedy or prevent pollution of surface water or groundwater
<b>Individual and Cluster Type On-site Systems</b> - 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)
<b>Natural Resources:</b> May include land conservation, wetland restoration, river corridor easements, unsafe dam removal, or other nonpoint source projects with a water quality benefit.
<b>Other Clean Water Projects:</b> 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.