

# DEPARTMENT OF ENVIRONMENTAL CONSERVATION LEGISLATIVE REPORT

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

**Year: 2023**

**Date reported: January 15, 2023**

**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**

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### 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 2022.
- Table 2: Consists of loan awards as of 12/15/2022 during state fiscal year 2023.
- Table 3: Consists of a listing of the remaining projects anticipated to be funded in state fiscal year 2023, 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 FY22: 38 loans were awarded totaling \$21M, of which 34 are for municipal borrowers and 4 are for private borrowers.
- In FY23: 14 loans have been awarded totaling \$11.2M, of which 13 are for municipal borrowers and one is for a private borrower. A total of approximately \$79.8M is available for pending projects. The total pending amount shown in Table 3 is \$45.7M.
- Any unused funds will carry forward to the SFY24 project 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. 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****Projects Funded During State Fiscal Year 2022**

<b>Date</b>	<b>Loan Number</b>	<b>Loan Recipient</b>	<b>Project Description</b>	<b>Loan Amount</b>
4/26/2022	INT-008-3.0	Vermont Land Trust	Farmland Futures FY22	\$2,000,000
12/10/2021	RF1-187-3.0	Burlington, City of	Sanitary Collection System Piping Rehabilitation	\$1,614,094
8/18/2021	RF1-190-1.1	Montpelier, City of	East State St. CSO	\$41,865
9/27/2021	RF1-223-2.0	Brandon, Town of	WWTF Upgrade	\$311,900
6/21/2022	RF1-226-1.1	Colchester, Town of	Mallett's Bay Sewer	\$50,000
7/7/2021	RF1-229-3.1	Hinesburg, Town of	WWTF Upgrade Contract 1	\$2,664,800
6/15/2022	RF1-231-3.0	Whitingham, Town of	WWTFs Refurbishment	\$3,631,364
7/12/2021	RF1-241-3.0	Proctor, Town of	Willow St. Pump Station Refurbishment	\$1,437,000
12/9/2021	RF1-243-3.0	Milton Mobile Home Cooperative	Wastewater System Connection to Municipal System	\$452,489
7/26/2021	RF1-265-1.1	Orleans, Village of	Wastewater System Evaluation	\$35,700
4/19/2022	RF1-266-3.0	Woodstock, Town of	South Woodstock WWTF Upgrade	\$2,166,918
9/30/2021	RF1-267-2.0	Westford, Town of	Community Wastewater System	\$250,351
10/13/2021	RF1-273-3.0	Johnson, Village of	River Rd. Ejector Station Refurbishment	\$345,000
10/7/2021	RF1-275-3.0	Hardwick, Town of	WWTF Upgrade	\$109,325
9/30/2021	RF1-276-2.0	Addison County Community Trust	Lindale MHP Wastewater Connection to Municipal System	\$182,035

6/21/2022	RF1-277-2.0	Rutland, City of	Moon Brook TMDL	\$126,000
11/15/2021	RF1-278-3.0	Burlington, City of	Gravity Stormwater Collection Piping Refurbishment	\$2,560,000
4/12/2022	RF1-281-2.0	Barre, City of	North End Ejector Station Refurbishment	\$30,700
10/4/2021	RF1-283-1.1	Berlin, Town of	WW Asset Management Plan	\$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 St. CSO	\$40,700
10/4/2021	RF1-287-1.0	Berlin, Town of	Riverton Community Wastewater System	\$34,700
10/4/2021	RF1-288-2.0	Berlin, Town of	3-Acre Stormwater Retrofit	\$157,820
8/17/2021	RF1-289-2.1	South Burlington, City of	3-Acre Stormwater Retrofit	\$675,000
7/19/2021	RF1-290-1.0	Richmond, Town of	Gateway WW System Expansion	\$13,600
8/17/2021	RF1-291-3.0	Hartford, Town of	Main St WW and SW Contract 2	\$750,000
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
2/28/2022	RF1-298-1.0	Saint Johnsbury, Town of	WWTF Sludge Management	\$40,300
2/28/2022	RF1-299-1.0	Saint Johnsbury, Town of	WWTF 20-Yr Evaluation	\$150,000
9/23/2021	RF1-301-2.0	Hinesburg, Town of	WWTF Contract 2	\$458,200

11/1/2021	RF1-303-1.0	Huntington, Town of	Community Wastewater System	\$53,139
6/27/2022	RF1-304-1.0	Vernon Advent Christian Homes, Inc.	Wastewater System Replacement	\$55,700
4/14/2022	RF1-306-1.0	Fairlee, Town of	Community Wastewater System	\$76,000
1/4/2022	RF1-307-1.0	Ludlow, Village of	Lower High St WW and SW	\$9,550
6/2/2022	RF1-310-1.0	West Windsor, Town of	Wastewater System Expansion	\$34,043
5/9/2022	RF1-313-1.0	Waitsfield, Town of	Community Wastewater System	\$78,753
<b>Total Awards</b>				<b>\$21,038,320</b>

**Table 2**

**CWSRF Projects Funded During State Fiscal Year 2023 (Thru 12/15/22)**

<b>Date</b>	<b>Loan Number</b>	<b>Loan Recipient</b>	<b>Project Description</b>	<b>Loan Amount</b>
11/2/2022	RF1-205-3.0	Derby Line, Village of	Rock Island WWTF Refurbishment	\$1,721,250
10/13/2022	RF1-239-1.3	Pownal, Town of	Landfill Remediation	\$96,352
10/17/2022	RF1-259-1.1	Newport, City of	CSO Long Term Control Plan	\$15,800
10/11/2022	RF1-262-3.0	Castleton, Town of	WWTF Refurbishment	\$2,462,100
10/11/2022	RF1-275-3.0	Hardwick, Town of	WWTF Upgrade	\$3,055,428
9/2/2022	RF1-279-1.1	Burlington, City of	Pump Station Refurbishment Phase II (Next 9)	\$76,907
10/4/2022	RF1-297-1.0	Greensboro, Town of	Community Wastewater System	\$249,796

10/31/2022	RF1-304-3.0	Vernon Advent Christian Homes, Inc.	Wastewater Treatment System Replacement	\$2,838,869
8/4/2022	RF1-308-1.0	Londonderry, Town of	North Community Wastewater System	\$125,000
8/4/2022	RF1-309-1.0	Londonderry, Town of	South Community Wastewater System	\$125,000
7/29/2022	RF1-315-1.0	Burlington, City of	Tertiary Treatment Pilot Study	\$298,832
9/27/2022	RF1-316-1.0	South Hero, Town of	Community Wastewater System	\$48,020
9/20/2022	RF1-317-1.0	Ferrisburgh, Town of	Community Wastewater System	\$31,650
10/19/2022	RF1-318-1.0	Brighton, Town of	WWTF Refurbishment	\$43,800
<b>Total Awards</b>				<b>\$11,188,804</b>

**Table 3****Pending CWSRF Projects – State Fiscal Year 2023**

<b>Award Date</b>	<b>Applicant</b>	<b>Project Name</b>	<b>2023 Step III</b>
PENDING	Burlington, City of	Gravity WW Collection Refurbishment	\$728,891
PENDING	Burlington, City of	Manhattan Dr SW Outfalls Rehabilitation	\$1,196,000
PENDING	Brandon, Town of	WWTF Upgrade	\$1,110,557
PENDING	Vermont Land Trust	Farmland Futures Fund	\$2,000,000
PENDING	Montgomery, Town of	Community Wastewater Project	\$10,480,000
PENDING	Burlington, City of	Wastewater Treatment Facility Improvements "Phase 2"	\$2,601,095
PENDING	Hinesburg, Town of	WWTF Upgrade Contract No. 2	\$8,000,000
PENDING	Montpelier, City of	State Street Sewer and Drainage Project	\$850,000
PENDING	Montpelier, City of	East State Street Reconstruction Project - Contract #1	\$1,534,114
PENDING	Westford, Town of	Community Wastewater System	\$1,000,000
PENDING	Winooski, City of	Main Street Revitalization	\$1,000,000
PENDING	Rutland, City of	CSO Check Valves	\$497,000
PENDING	Saint Johnsbury, Town of	Portland Street Water, Sewer and Storm Improvements	\$1,383,000

PENDING	Saint Albans, City of	Stebbins Street Utility Improvements	\$250,000
PENDING	Newport, City of	Bluff Road Pump Station	\$230,000
PENDING	Highgate, Town of	Community Wastewater System	\$1,000,000
PENDING	Saint Johnsbury, Town of	Sludge management improvements	\$2,489,500
PENDING	Saint Albans, City of	Lower Weldon Stormwater Improvements	\$1,500,000
PENDING	Ludlow, Village of	Lower High Street Infrastructure Improvements	\$350,000
PENDING	Shelburne, Town of	Farmstead 3-Acre SW Final Design and Construction	\$275,000
PENDING	Enosburg Falls, Village of	Elm Street Sewer and Water Improvements	\$200,000
PENDING	Woodstock, Town of	Woodstock Main WWTF Upgrade	\$105,000
PENDING	Shelburne, Town of	Boulder Hill Gravel Wetland Construction	\$320,037
PENDING	Shelburne, Town of	Hullcrest Pk Storm Filter Retrofit Design and Construction	\$125,000
PENDING	South Burlington, City of	Commerce Ave & Airport Pkwy FM Replacement - Phase I	\$1,100,000
PENDING	Saint Albans, Town of	Grice Brook Basin Improvements	\$400,000
PENDING	Shelburne, Town of	Turtle Ln SW Retrofit Design and Construction	\$15,000



PENDING	Natural Infrastructure Interim Financing Put-Aside	Natural Resources, Ag WQ and Forestry Conservation	\$5,000,000
<b>Total Pending Loans</b>			<b>\$45,740,194</b>

<b>Total SFY2022</b>	<b>\$21,038,320</b>
<b>Total SFY2023 to date (12/15/2021)</b>	<b>\$11,188,804</b>
<b>Total Pending Loans for Remaining of SFY2023</b>	<b>\$45,740,194</b>
<b>Total Projected CWSRF Loan Awards SFY22-23</b>	<b>\$77,967,318</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.

