

DEPARTMENT OF ENVIRONMENTAL CONSERVATION LEGISLATIVE REPORT

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

Year: 2024

Date reported: January 15, 2024

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

Committees: House Committees on Corrections and Institutions and on Environment and Energy 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 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 2023.
- Table 2: Consists of loan awards as of 12/15/2023 during state fiscal year 2024.
- Table 3: Consists of a listing of the remaining projects anticipated to be funded in state fiscal year 2024, 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 SFY23: 40 loans were awarded totaling \$14.1M, of which 39 are for municipal borrowers and 1 is for a private borrower.
- In FY24: 16 loans have been awarded to date totaling \$7.6M, of which 15 are for municipal borrowers and 1 is for a private borrower. A total of approximately \$81.1M is available for pending projects. The total pending loan amount shown in Table 3 is \$59.3M.

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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**Clean Water SRF Projects Funded During State Fiscal Year 2023**

Award Date	Loan Number	Loan Recipient	Project Description	Loan Amount
5/24/2023	RF1-190-2.0	Montpelier, City of	East State St. CSO	\$87,588
11/2/2022	RF1-205-3.0	Derby Line, Village of	Rock Island WWTF Refurbishment	\$1,721,250
6/5/2023	RF1-212-2.2	Winooski, City of	Main St. Revitalization	\$10,080
1/3/2023	RF1-217-2.1	Northfield, Town of	Main St Stormwater and CSO	\$18,000
10/13/2022	RF1-239-1.3	Pownal, Town of	Pownal Landfill Remediation	\$96,352
6/14/2023	RF1-240-3.0	Montpelier, City of	State St. CSO	\$32,100
6/27/2023	RF1-248-3.1	Burlington, City of	Pump Station Improvements Phase I	\$188,297
10/25/2022	RF1-255-1.3	Vergennes, City of	WWTF Upgrade	\$107,244
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
3/28/2023	RF1-264-1.1	Shelburne, Town of	WWTFs Consolidation and Upgrade	\$177,500
5/10/2023	RF1-270-2.0	Enosburg Falls, Village of	Elm and Main St Collection System Improvements	\$18,800
12/7/2022	RF1-271-1.1	Hartford, Town of	CSO Long Term Control Plan	\$38,800
10/11/2022	RF1-275-3.0	Hardwick, Town of	WWTF Upgrade	\$3,055,428
6/5/2023	RF1-277-2.1	Rutland, City of	Moon Brook Temperature TMDL	\$42,000
9/2/2022	RF1-279-1.1	Burlington, City of	Pump Station Improvements Phase II	\$76,907

9/20/2022	RF1-289-2.1	South Burlington, City of	3-Acre Stormwater Retrofit	\$140,970
10/25/2022	RF1-294-1.0	Vergennes, City of	Collection System Improvements	\$250,380
10/4/2022	RF1-297-1.1	Greensboro, Town of	Community Wastewater System	\$249,796
10/31/2022	RF1-304-3.0	Vernon Advent CH, Inc.	Wastewater System Replacement	\$2,838,869
8/4/2022	RF1-308-1.0	Londonderry, Town of	Community Wastewater System	\$125,000
8/4/2022	RF1-309-1.0	Londonderry, Town of	Community Wastewater System	\$125,000
6/27/2023	RF1-312-1.0	Burlington, City of	Long Term Control Plan Implementation	\$751,391
4/21/2023	RF1-313-1.1	Waitsfield, Town of	Community Wastewater System	\$120,665
7/29/2022	RF1-315-1.0	Burlington, City of	Tertiary Treatment Pilot	\$298,832
9/27/2022	RF1-316-1.1	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	RF1-318-2.1	Brighton, Town of	WWTF Refurbishment	\$43,800
10/14/2022	RF1-319-1.0	Burke, Town of	Community Wastewater System	\$68,000
2/13/2023	RF1-320-1.0	Jamaica, Town of	Community Wastewater System	\$66,500
6/5/2023	RF1-321-1.0	Weathersfield, Town of	Community Wastewater System	\$92,225
6/28/2023	RF1-322-1.0	Woodstock, Town of	Main WWTF Upgrade	\$105,000
2/13/2023	RF1-324-1.0	Saint Albans, City of	CSO Offline Storage	\$52,800
2/2/2023	RF1-325-1.0	Proctor, Town of	WWTF Upgrade	\$19,800

2/1/2023	RF1-326-1.1	Chester, Town of	Asset Management and I&I Study	\$78,000
5/23/2023	RF1-327-1.0	Arlington, Town of	Community Wastewater System	\$103,465
2/2/2023	RF1-328-2.0	Enosburg Falls, Village of	Church St Collection System Improvements	\$18,900
5/18/2023	RF1-330-1.0	Jericho, Town of	Community Wastewater System	\$124,963
5/9/2023	RF1-335-1.0	Reading, Town of	Community Wastewater System	\$77,615
6/28/2023	RF1-337-1.0	Montpelier, City of	Stormwater Utility Development	\$168,000
Total Awards				\$14,147,887

Table 2

Clean Water SRF Projects Funded During State Fiscal Year 2024 (Thru 12/15/23)

Award Date	Loan Number	Loan Recipient	Project Description	Loan Amount
10/19/2023	INT-009-3.0	Vermont Land Trust	Farmland Futures Fund FFY2023	\$2,000,000
8/21/2023	RF1-187-3.1	Burlington, City of	Sanitary Pipe Rehabilitation	\$724,891
10/9/2023	RF1-223-3.0	Brandon, Town of	WWTF Upgrade	\$440,557
7/17/2023	RF1-236-3.1	Rutland, City of	WWTF Force Main Upgrade	\$488,551
8/21/2023	RF1-247-2.0	Burlington, City of	WWTPs Upgrade Stage 0	\$995,500
7/19/2023	RF1-269-3.0	Franklin, Town of	Rte 236 Culvert Replacement	\$389,358
9/14/2023	RF1-318-2.1	Brighton, Town of	WWTF Upgrade	\$226,500
10/19/2023	RF1-326-1.1	Chester, Town of	Asset Management and I&I Study	\$24,100

8/21/2023	RF1-331-1.0	Burlington, City of	WWTPs Upgrade Stage I	\$643,800
8/21/2023	RF1-332-1.0	Burlington, City of	WWTPs Upgrade Stage 2	\$398,600
8/31/2023	RF1-336-1.0	Cabot, Town of	WWTF Refurbishment	\$48,750
9/5/2023	RF1-338-2.0	Rutland, City of	CSO Check Valves	\$63,000
10/24/2023	RF1-339-1.0	Moretown, Town of	Community Wastewater Project	\$91,785
12/5/2023	RF1-340-2.0	Montgomery, Town of	Montgomery Center Community Wastewater	\$974,948
10/9/2023	RF1-341-1.0	Barton, Village of	WWTF Upgrade	\$28,100
10/17/2023	RF1-342-1.0	Shaftsbury, Town of	Community Wastewater	\$125,000
Total Awards				\$7,663,440

Table 3

Pending CWSRF Loans – State Fiscal Year 2024

Award Date	Applicant	Project Description	2024 Step III Amount
Pending	Hinesburg, Town of	WWTF Upgrade Contract No. 2	\$8,124,000
Pending	Burlington, City of	Manhattan Dr Outfall Repair	\$1,037,340
Pending	Vermont Land Trust	Farmland Futures Fund	\$2,000,000
Pending	Montgomery, Town of	Montgomery Center Community Wastewater Project	\$2,628,375
Pending	Montgomery, Town of	Montgomery Village Community Wastewater Project	\$797,699
Pending	Colchester, Town of	Malletts Bay Sewer Project - Phase 1	\$2,944,800

Pending	Burlington, City of	WWTF Improvements Stage 0	\$8,583,000
Pending	Fairlee, Town of	Lake Morey Alum Treatment Project	\$790,000
Pending	Waitsfield, Town of	Village Wastewater Project	\$197,595
Pending	Vergennes, City of	WWTF Age-Related Upgrade	\$1,106,848
Pending	Rutland, City of	Meadow St Stormwater Separation	\$389,100
Pending	Saint Johnsbury, Town of	Portland St Sewer and Stormwater Improvements	\$1,506,300
Pending	Winooski, City of	Main St Revitalization Project	\$1,613,361
Pending	Saint Johnsbury, Town of	Railroad St Sewer and Stormwater Improvements	\$1,213,200
Pending	Saint Albans, City of	Stebbins St Utility Improvements Project	\$418,100
Pending	Swanton, Village of	WWTF Upgrade and Phosphorus Improvements	\$4,991,190
Pending	Brighton, Town of	WWTF Refurbishment	\$1,157,000
Pending	Rutland, City of	Moon Brook Pond Modifications Project	\$400,000
Pending	Enosburg Falls, Village of	Church St Sewer Project	\$283,700
Pending	Enosburg Falls, Village of	Elm St Sewer Project	\$387,000
Pending	Montpelier, City of	Sewer Siphons and 36" Trunk Line Project	\$2,526,823
Pending	Newport, City of	Bluff Rd Pump Station Upgrade	\$275,000
Pending	Saint Albans, City of	Lower Weldon St Stormwater Facility	\$2,810,200
Pending	Middlebury, Town of	South Street Reconstruction- Phase IV	\$528,200

Pending	Berlin, Town of	Rte. 302 WWPS Hazard Elimination and Upgrade	\$1,000,000
Pending	Middlebury, Town of	Bakery Ln Wastewater Improvements	\$944,771
Pending	South Burlington, City of	Airport Pkwy WWTF Solids Handling Optimization	\$2,174,100
Pending	Natural Resource Put Aside	Natural Resource Interim Finance	\$2,000,000
Pending	Bolton Valley CWS, LLC	BVCWS WWTF Upgrade	\$3,982,200
Pending	Burlington, City of	Industrial Pretreatment Program Planning	\$15,738
Pending	Colchester, Town of	Malletts Bay Sewer Phase II Planning	\$364,800
Pending	Danville, Town of	Community Wastewater System	\$52,700
Pending	Greensboro, Town of	Community Wastewater System	\$123,945
Pending	Huntington, Town of	Community Wastewater System	\$74,460
Pending	Northfield, Town of	WWTF Refurbishment	\$41,200
Pending	Rutland, City of	Connor Park CSO	\$103,100
Pending	Grafton, Town of	Community Wastewater System	\$34,300
Pending	Poultney, Town of	WWTF Refurbishment	\$65,100
Pending	Shelburne, Town of	WWTFs Consolidation and Upgrades	\$1,210,000
Pending	Shoreham, Town of	WWTF Upgrade	\$18,350
Pending	Winhall, Town of	Community Wastewater System	\$68,620
Pending	Wolcott, Town of	Community Wastewater System	\$328,120

Total Pending Awards**\$59,310,335**

Total SFY2023	\$14,147,887
Total SFY2024 to date (12/15/2023)	\$7,663,440
Total Pending Loans for Remaining of SFY2024	\$59,310,335
Total Projected CWSRF Loan Awards SFY23-24	\$81,121,662

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.