



Overview of Federal Agricultural Water Quality Initiatives

January 14, 2022

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VT Department of Environmental Conservation



American Rescue Plan Act

- \$1.026B Investment in COVID Recovery in VT
- 5 uses: Economic recovery, broadband, climate, housing, water and sewer infrastructure.
- ANR is implementing six water+sewer programs.



Combined Sewer Overflow

Reducing sewer overflows



Mobile Home Parks

Improving water and sewer infrastructure in mobile home parks



Individual Drinking and Wastewater

Providing financial assistance to low-income homeowners with failed septic systems and/or wells



3-Acre Stormwater

Treating stormwater runoff from larger sites



Pretreatment Capacity

Designing and installing pretreatment processes to address high strength or toxic wastewater



Village Drinking & Wastewater

Developing community sewer systems in some of the villages that lack such systems

American Rescue Plan Act SFY22

- FY22 Appropriated / Total Gov Recommend

\$10M/\$30M



Combined Sewer Overflow

Reducing sewer overflows

\$3.25M/\$10M



Mobile Home Parks

Improving water and sewer infrastructure in mobile home parks

\$1M / \$3M



Individual Drinking and Wastewater

Providing financial assistance to low-income homeowners with failed septic systems and/or wells



3-Acre Stormwater

Treating stormwater runoff from larger sites



Pretreatment Capacity

Designing and installing pretreatment processes to address high strength or toxic wastewater



Village Drinking & Wastewater

Developing community sewer systems in some of the villages that lack such systems

\$9M/\$60M

\$2M/\$10M

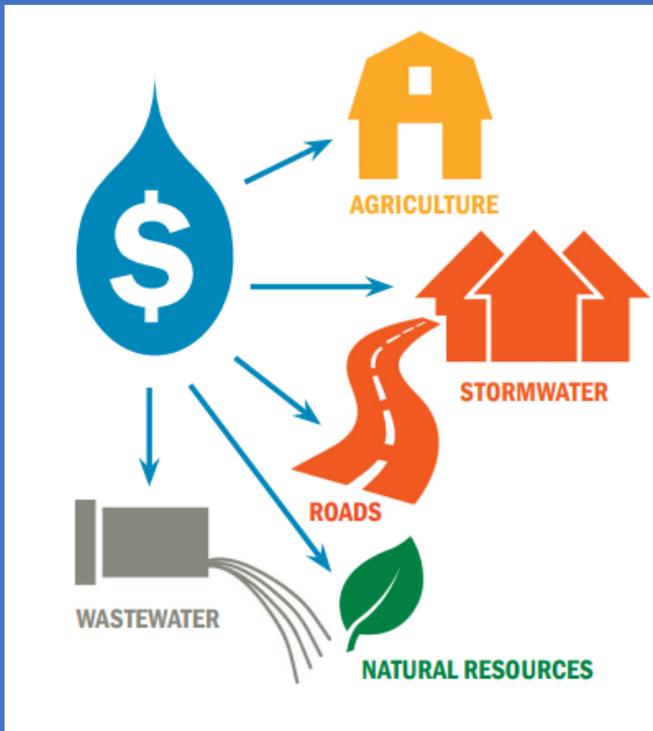
\$8M / \$25M

Clean Water Projects

- \$10M/year for FY22, FY23, FY24
- Directed by the Clean Water Board.
For FY22 (and FY23 proposed):
 - **\$3.5M to Agency of Ag. Food and Markets to support WQ Grants (\$3M in FY23)**
 - \$3.5 to Support Three-acre stormwater requirements (\$4.5M)
 - \$3M to enhance Pollution Control Grants (\$2.5M)



Vermont's Clean Water Funding



Vermont's Clean Water Funding helps municipalities, farmers, and others implement projects that will **reduce pollution** washing into Vermont's waters. Beyond reducing water pollution, clean water projects also:

- Protect public health and safety
- Support Clean Water Act compliance
- Increase flood resilience
- Enhance recreation
- Improve fish and wildlife habitat
- Save money over the long-term
- Leverage federal funds

[Clean Water Board | Department of Environmental Conservation \(vermont.gov\)](http://www.vermont.gov)

www.dec.Vermont.gov/water-investment/cwi/board



AGENCY OF ADMINISTRATION
AGENCY OF AGRICULTURE, FOOD & MARKETS
AGENCY OF COMMERCE & COMMUNITY DEVELOPMENT
AGENCY OF NATURAL RESOURCES
AGENCY OF TRANSPORTATION

CLEAN WATER BOARD
Approved Clean Water Board State Fiscal Year (SFY) 2022 Clean Water Budget Recommendation
August 12, 2021

No.	Sector	Agency	Activity	Clean Water Fund January 2021	Clean Water Fund Approved Adjustments June-August 2021	Clean Water Fund Approved August 2021	American Rescue Plan Act (ARPA) Approved August 2021	Capital Bill January 2021	Total SFY22 August 2021	Total SFY22 August 2021 Compared to January 2021 Budget
1	Agriculture	AAFM	Agronomy Conservation Assistance Program (ACAP)	235,000		235,000			235,000	-
2	Agriculture	AAFM	Water Quality Grants to Partners and Farmers*	3,563,891	1,442,457	5,006,348	3,500,000	3,436,109	11,942,457	4,942,457
3	Agriculture	AAFM	Operating	722,502		722,502			722,502	-
4	Agriculture	VHCB	Water Quality Farm Improvement and Retirement Projects					900,000	900,000	-
5	Nat'l Resources	VHCB	Land Conservation and Water Quality Projects					1,300,000	1,300,000	-
6	Innovation	ANR (DEC-CWIP)	Multi-Sector Innovation, Grant Administration and Partner Support	2,393,734	500,000	2,893,734			2,893,734	500,000
7	Nat'l Resources	ANR (DEC-CWIP)	Natural Resources Restoration*	3,234,503	1,500,000	4,734,503			4,734,503	1,500,000
8	Nat'l Resources	ANR (DEC-Lakes)	Lakes in Crisis Fund	50,000		50,000			50,000	-
9	Nat'l Resources	ANR (FPR)	Forestry Skidder Bridges and Water Quality Practices	50,000		50,000			50,000	-
10	Roads	ANR (FPR)	Implement BMPs at State Forests and Recreational Access Points	550,000		550,000		500,000	1,050,000	-
11	Roads	VTrans	Municipal Roads Grants-in-Aid	3,130,830		3,130,830			3,130,830	-
12	Roads	VTrans	Municipal Better Roads (Category B)	846,170		846,170			846,170	-
13	Roads	VTrans	Municipal Mitigation Assistance Program		1,500,000	1,500,000			1,500,000	1,500,000
14	Stormwater	ANR (DEC-CWIP)	Stormwater Project Delivery, Planning and Implementation*	5,008,370	(3,500,000)	1,508,370	3,500,000		5,008,370	-
15	Stormwater	AoA	Stormwater Utility Payments (\$25K each)	125,000		125,000			125,000	-
16	Stormwater	ACCD	Better Connections (Stormwater Planning)	60,000		60,000			60,000	-
17	Stormwater	ACCD	Downtown Transportation Fund (Stormwater Project Development)	140,000		140,000			140,000	-
18	Wastewater	ANR (DEC-CWIP)	Wastewater Treatment Facility Operators Support	110,000		110,000			110,000	-
19	Wastewater	ANR (DEC-WID)	State Match to Clean Water State Revolving Fund Federal Grant					1,563,891	1,563,891	-
20	Wastewater	ANR (DEC-WID)	Municipal Pollution Control Grants*				3,000,000	3,300,000	6,300,000	3,000,000
21	Audit	AoA	Program Audit (10 V.S.A. § 1389b)	31,000		31,000			31,000	-
			Total Requested	20,251,000	1,442,457	21,693,457	10,000,000	11,000,000	42,693,457	11,442,457
			Anticipated Revenue	20,251,626	1,442,457	21,694,083				

Activity	Clean Water Fund January 2021	Clean Water Fund Approved Adjustments June-August 2021	Clean Water Fund Approved August 2021	American Rescue Plan Act (ARPA) Approved August 2021	Capital Bill January 2021	Total SFY22 August 2021	Total SFY22 August 2021 Compared to January 2021 Budget
Agronomy Conservation Assistance Program (ACAP)	235,000		235,000			235,000	-
Water Quality Grants to Partners and Farmers*	3,563,891	1,442,457	5,006,348	3,500,000	3,436,109	11,942,457	4,942,457
Operating	722,502		722,502			722,502	-
Water Quality Farm Improvement and Retirement Projects					900,000	900,000	-
Land Conservation and Water Quality Projects					1,300,000	1,300,000	-
Multi-Sector Innovation, Grant Administration and Partner Support	2,802,734	500,000	3,302,734			3,802,734	500,000

Water Quality Grants to Partners and Farmers

- Best Management Practices (BMP) program
- Conservation Reserve Enhancement Program (CREP)
- Grassed Waterway and Filter Strip (GWFS) Program
- Capital Equipment Assistance Program (CEAP)
- Agricultural Environment Management (AEM) Program





Other Federal funding sources

- Regional Conservation Partnership Program
- Clean Water State Revolving Loan Fund
- Infrastructure Investment and Jobs Act

Regional Conservation Partnership Program **RCPP**



http://www.nrcs.usda.gov/Internet/FSE_MEDIA/scfprdb1268501.jpg

The Lake Champlain Regional Conservation Partnership Program:

Accelerated Implementation of Agricultural & Forestry
Conservation Practices in the Lake Champlain
Watershed of Vermont and New York





The following are phosphorus reductions directly credited to RCPP practices installed from state fiscal year 2017 through 2021 (most recent data).

Practice	Kg of P reduced
Change in crop rotation	599.1
Conservation tillage	51.3
Cover crop	1026.8
Crop to hay conversion	1791.8
Grazing management	156.3
Total	3625.4 kg phosphorus reduced



RCPP

Regional Conservation Partnership Program

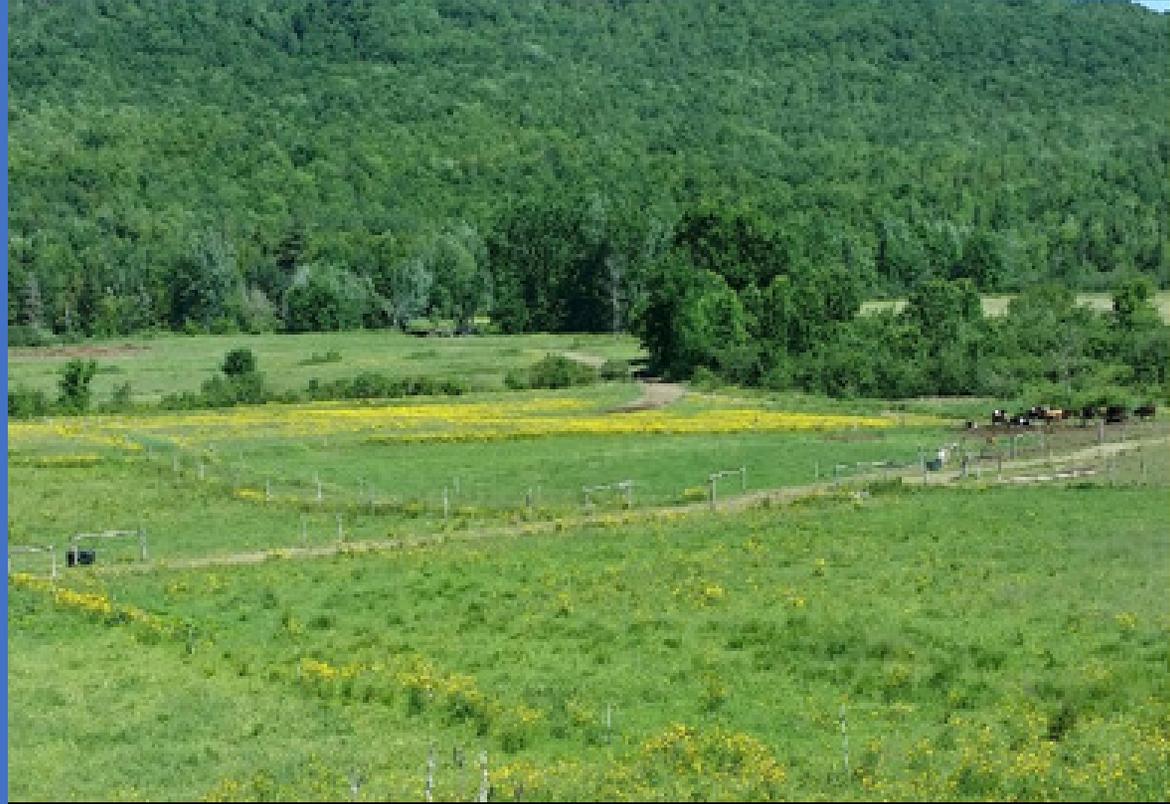
Partnering for

Conservation  Solutions

2021-2026!

Clean Water State Revolving Loan Fund

- Low-interest loans
- Broader eligibility now to private individuals and non-profit organizations
- Opportunity for leveraging other funds
- Vermont Land Trust Future Farmland Fund –two current projects and 3 under consideration



USDA/Natural Resources Conservation Service



Infrastructure, Investment and Jobs act (IIJA)

- Watershed Rehabilitation Program
- Watershed Flood Prevention and Operations
- Emergency Watershed Program



[2021 Vermont Federal Clean Water Funding Report_09172021.pdf](#)

The logo for the Vermont Agricultural Water Quality Partnership. It features the text "Vermont Agricultural" in a black serif font on the top line, and "Water Quality Partnership" in the same font on the bottom line. A stylized graphic of a blue and green wave or arrow shape is positioned behind the text, pointing to the right.

Vermont Agricultural Water Quality Partnership

MEMBERS

USDA Natural Resources Conservation Service (NRCS)

Vermont Association of Conservation Districts (VACD)

Vermont Agency of Agriculture, Food and Markets
(VAAFAM)

US Fish and Wildlife Service (USFWS)

University of Vermont Extension (UVM Extension)

USDA Farm Service Agency (FSA)

Vermont Agency of Natural Resources, Department of
Environmental Conservation (VANR-DEC)

Lake Champlain Basin Program (LCBP)

Vermont Housing and Conservation Board (VHCB)