

STATE FISCAL YEAR (SFY) 2022 CLEAN WATER INITIATIVE PROGRAM (CWIP) SPENDING PLAN

CWIP translates its annual clean water budget appropriations from the Clean Water Fund, presented in Table 1 below, into annual spending plans. Table 2 presents the SFY 2022 CWIP spending plan. The CWIP spending plan is a communication and planning tool to provide information to clean water project proponents and prospective grant/contract recipients on the types of funding programs and initiatives available in the coming year. CWIP's spending plan also serves as an internal planning tool to track annual progress implementing funding programs and initiatives.

For more information on CWIP funding opportunities, visit: <https://dec.vermont.gov/water-investment/cwi/grants>.

CWIP spending plans are subject to change throughout the course of the year based on demand and administrative capacity. While the spending plan is subject to change, it will remain consistent with the clean water budget line-item activities and total dollar amounts, shown in Table .

CWIP-Administered Clean Water Budget Line Items

Table 1 shows an excerpt from the SFY 2022 Clean Water Budget of CWIP-administered line items. All CWIP-administered line items are funded wholly from the Clean Water Fund with additional contributions from the American Rescue Plan Act (ARPA), as appropriated by the State Legislature and programmed by the Clean Water Board.

Table 1. CWIP-administered SFY 2022 Clean Water Budget line items

No.	Sector	Clean Water Budget Line-Item Activity	Clean Water Board Budget - Approved 1/22/2021	ARPA Additions- Approved 8/12/2021	Clean Water Fund Changes due to ARPA- Approved 8/12/21	SFY17-21 Re-Obligated Clean Water Funds ¹	Total
6	Innovation	Multi-Sector Innovation, Grant Administration and Partner Support	\$2,393,734	-	\$500,000	\$265,579	\$3,159,313
7	Natural Resources	Natural Resources Restoration	\$3,234,503	-	\$1,500,000	\$85,561	\$4,820,064
8	Natural Resources	Lakes in Crisis Fund ²	\$50,000	-	-	-	\$50,000

¹ The total dollars obligated under the SFY22 Spending Plan include the Clean Water Board allocations for SFY22 and unspent dollars associated with prior year-funded projects that closed out under budget, identified as part of a quality assurance/control process in partnership with DEC's Administration and Innovation Division June 2021. Forty percent of prior year balances were conservatively re-obligated in a manner that maintains the original intent of the Clean Water Board recommended budget.

² Lakes in Crisis funds are administered by the DEC Watershed Management Division Lakes and Ponds Program. In some cases, Lakes in Crisis

14	Stormwater	Stormwater Project Delivery, Planning, and Implementation	\$5,008,370	\$2,000,000	(\$2,000,000)	\$307,865	\$5,316,235
18	Wastewater	Wastewater Treatment Facility Operators Support	\$110,000	-	-	-	\$110,000
		Total	\$10,796,607	\$2,000,000	\$0	\$659,005	\$13,455,612

funds are paired with CWIP-administered Clean Water Fund dollars to fund projects in the Lake Carmi watershed.

All values subject to change over the course of the State Fiscal Year.

Table 2. CWIP SFY 2022 Clean Water Fund spending plan. **Subject to change.** "Clean Water Budget Line-Item" corresponds to budget line items in Table 1. Dark green shaded rows indicate categories of spending initiatives and gold indicate categories' subtotal.

Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
1	Act 76 Technical and Partner Support				
1.01	Tactical Basin Planning Support	Supports partners' participation and outreach throughout the tactical basin planning process and basin water quality council participation, pursuant to 10 V.S.A. § 1253(d)(3).	\$600,000	Encumbered July 2021	Multi-Sector
1.02	Clean Water Service Provider Start-up	Supports start-up costs for Clean Water Service Providers in preparation for receiving and administering Water Quality Restoration Formula Grants and funds to support operation, maintenance, inspection, and verification of clean water projects beginning SFY23.	\$303,437	SFY 2021 Phases 1 and 2 encumbered July 2021, SFY2022 Phase 3 to be encumbered spring 2022	Multi-Sector
1.03	Partner Capacity Development	Supports partners in addressing unmet capacity needs to aid in the transition from current funding initiatives, ending in SFY22, to funding initiatives under Act 76 of 2019, beginning SFY23, and to ensure a strong partnership network that can deliver high quality and high priority clean water projects.	\$345,550	Encumbered spring 2022	Multi-Sector
1.04	Technical Development of Tracking, Accounting, Target-Setting	Supports DEC and partners in developing and addressing gaps in tracking, accounting, and target-setting methodologies, tools, trainings, and processes to meet Act 76 requirements.	\$305,000	SFY2021 to be encumbered September 2021. SFY2022 to be encumbered June 2022	Multi-Sector
1.05	Partner Monitoring Lab Analytical Services	Supports lab analytical expenses to process water quality samples collected by partners and other collaborative, targeted water quality monitoring efforts.	\$100,000	TBD	Multi-Sector

³ Encumbered funds are those committed in an executed contract or grant agreement. Target dates for encumbrance indicate target timelines for when agreements are executed. Renewals extend an existing grant agreement or contract for an additional term with an identical scope of work.

⁴ Abbreviations are as follows: Multi-Sector Innovation, Grant Administration and Partner Support is denoted as "Multi-Sector"; Natural Resources Restoration is denoted as "NR"; Stormwater Project Delivery, Planning, and Implementation is denoted as "SW."

Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
1.06	Lake Champlain Subwatershed Conservation Effects Assessment Program (CEAP)	DEC-CWIP's conservation to the U.S. Department of Agriculture Natural Resources Conservation Service's (NRCS) CEAP, evaluating agricultural best management practices' effectiveness. DEC-CWIP's contribution to CEAP funds a U.S. Geological Survey stream gage necessary for the water quality monitoring work.	\$51,000	Sept 2021 Renewal	Multi-Sector
1.07	Grants and Financial Management Personnel	Supports 2 Full Time Equivalent (FTE) Grants Management Specialists in DEC's Administration and Innovation Division (AID) to administer CWIP grants and contracts.	\$219,474	TBD	Multi-Sector
1.08	Functioning Floodplains Initiative (FFI) Website Hosting and Management Services	Supports external site hosting and data management services for FFI tools. FFI tools support river, floodplain, and wetland restoration project identification and prioritization, and estimates projects' phosphorus reductions (i.e., phosphorus accounting).	\$13,900	Encumbered January 2022	NR
1	Act 76 Technical and Partner Support SUBTOTAL		\$1,938,361		
2	Clean Water Project Identification, Development, Design, and Implementation				
2.01	Dam Removal - Design and Implementation	Passthrough funds to entities to design and implement dam removal projects.	\$777,193	Encumbered spring 2022	NR
2.02	Multi-sector Assessments and Project Identification	Passthrough funds to entities to perform assessments in priority subwatersheds to identify and prioritize clean water projects. Line-item includes: Lake Watershed Action Plans, Stream Geomorphic Assessments, River Corridor Plans, Stormwater Master Plans, Illicit Discharge Detection and Elimination, Stormwater Regulatory Private-Public Partnership (P3) Assessments, and sub-jurisdictional/non-municipal road erosion inventories.	\$561,852	SFY2021 encumbered July 2021. SFY2022 encumbered spring 2022.	Multi-Sector

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Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing³	Clean Water Budget Line-Item Activity⁴
2.03	Project Development	Passthrough funds to entities to develop clean water project by performing the necessary research and community engagement to prepare projects for design and/or implementation phases.	\$250,000	SFY2021 & SFY2022 co-encumbered Sept/Oct 2021	Multi-Sector
2.04	Design/Implementation Block Grants – Stormwater	Passthrough funds to entities to host block grant program. “Design/Implementation Block Grant – Stormwater” supports partners in managing stormwater projects involving preliminary design, final design, and/or implementation. Individual projects are identified in Tactical Basin Plans and listed in DEC Watershed Projects Database.	\$1,463,294	SFY2021 encumbered July 2021. SFY2022 encumbered spring 2022	SW
2.05	Design/Implementation Block Grants – Natural Resources	Passthrough funds to entities to host block grant program. “Design/Implementation Block Grant – Natural Resources” supports partners in managing natural resources restoration projects involving preliminary design, final design, and/or implementation. Individual projects are identified in Tactical Basin Plans and listed in DEC Watershed Projects Database.	\$1,175,000	SFY2021 encumbered July 2021. SFY2022 encumbered spring 2022	NR
2.06	River Corridor Easement	Passthrough funds to entities to develop and implement River Corridor Conservation Easement projects. Funds target protection and restoration of critical river corridor and floodplain property..	\$1,100,000	Encumbered spring 2022	NR
2.07	River Corridor Easement Survey Technical Assistance	Passthrough funds to Vermont Department of Forests, Parks and Recreation to provide technical assistance to River Corridor Easement program.	\$10,000	TBD	NR
2.08	Wetlands Acquisition and Restoration	Passthrough funds to Vermont Fish and Wildlife Department to acquire, conserve, and restore high priority wetlands for water quality statewide. Co-funded with Lake Champlain Basin Program federal funds administered by DEC-CWIP.	\$1,000,000	Encumbered spring 2022	NR

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Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
2.09	Woody Riparian Buffer Restoration	Passthrough funds to entities to implement high-priority, cost-effective, native riparian woody buffer plantings.	\$275,000	Encumbered fall 2021	NR
2.10	Watershed Work Crew	Passthrough funds to entities with youth work crews implementing on-the-ground, high priority projects that have been identified in Tactical Basin Plans and sector-based assessments, such as stormwater master plans, road erosion inventories, or lake assessments.	\$300,000	Encumbered spring 2022	Multi-Sector
2	Project Identification, Development, Design, and Implementation SUBTOTAL		\$6,912,339		
3	Innovation				
3.01	Vermont Phosphorus Innovation Challenge	Passthrough funds to Vermont Agency of Agriculture, Food and Markets to administer program to develop technologies, practices, or policies that facilitate, optimize, or accelerate cost-effective nutrient pollution removal strategies. This project is currently sufficiently funded with SFY21 dollars and no obligation from SFY22 is included.	\$0	TBD	Multi-Sector
3	Innovation SUBTOTAL		\$0		
4	Three-Acre General Permit Support				
4.01	Green Schools Initiative - Design and Implementation	Passthrough funds to entities to assist public schools in Lake Champlain and Memphremagog basins in obtaining and complying with the Three-Acre General Permit (design, permitting, construction) . Co-funded with Lake Champlain Basin Program federal funds administered by DEC-CWIP.	\$1,000,000	Encumbered spring 2022	SW– American Rescue Plan Act (ARPA) (pending Agency of Administration confirmation of federal eligibility under ARPA Treasury Guidance)

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Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
4.02	Three-Acre General Permit Obtainment and Compliance	State-sponsored contracts to engineering entities to assist affected landowners of private three-acre sites with Three-Acre General Permit obtainment and compliance through engineering analysis and permitting services. Contracted entities may also assist in the design and construction of stormwater treatment practices at locations identified for public-private partnerships that serve the joint needs of private landowners and their sponsoring municipalities.	\$2,500,000	Encumbered spring 2022	SW– American Rescue Plan Act (ARPA) (pending Agency of Administration confirmation of federal eligibility under ARPA Treasury Guidance)
4	Three-Acre General Permit Support SUBTOTAL		\$3,500,000		
5	Project Contributions				
5.01	Regional Conservation Partnership Program (RCPP) Wetland Incentives	Provides incentive payments to landowners, in addition to NRCS' Wetlands Reserve Easements Program, to increase landowner participation in wetlands restoration projects. Serves as DEC's significant contribution to the State of Vermont RCPP.	\$250,000	TBD	NR
5.02	Wetlands Mapping in the CT River Basin	Direct cash match to a DEC-proposed Long Island Sound Futures Fund project (pending award notice in November 2021) to support wetlands mapping in the Connecticut River corridor to assist with future wetland restoration project identification and planning.	\$210,000	Encumbered fall/winter 2021 (award notice in November)	NR
5	Project Contributions SUBTOTAL		\$460,000		
6	Legislative Mandates				
6.01	Lakes in Crisis Fund	Supports initial response upon designation of a Lake in Crisis pursuant to 10 V.S.A. § 1314. Annually, the Agency of Natural Resources is required to recommend a budget for the fund. Currently only one lake, Lake Carmi, is designated as a Lake in Crisis. Lakes in Crisis Fund supports implementation of the	\$50,000	Funds to be transferred to Lakes in Crisis Fund managed by Lakes and Ponds Program	Lakes in Crisis Fund

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Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
		<i>Lake Carmi Crisis Response Plan.</i> . Lakes in Crisis Fund has a 35% statutory match requirement.			
6	Legislative Mandates SUBTOTAL		\$50,000		
7	Municipal Support				
7.01	Municipal Roads Grants-in-Aid Equipment	Provides funds to municipalities to purchase equipment to implement Municipal Roads General Permit standards. The increase in funds in SFY22 would result in completing the statewide rotation of making these funds available to all municipalities that wish to enroll.	\$352,941	Encumbered August 2021	SW
7.02	Municipal Wastewater Treatment Plant Optimization Project	Passthrough funds to entity to develop and implement a plan to provide education, outreach, and technical assistance to Wastewater Treatment Facility (WWTF) operators subject to major nutrient Total Maximum Daily Loads (TMDLs) (e.g., Long Island Sound Nitrogen TMDL and Lake Champlain Phosphorus TMDLs). Amount reflects a onetime increase due to left over funds from prior years.	\$110,000	Encumbered spring 2022	Wastewater Treatment Facility Operators Support
7	Municipal Support SUBTOTAL		\$462,941		
8	DEC Programs Support				
8.01	Rivers and Roads Training	Supports delivery of Rivers and Roads annual training to municipal roads and stormwater operators on interaction between infrastructure, runoff, and stream dynamics. Co-funded with Vermont Agency of Transportation.	\$10,000	TBD	Multi-Sector

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Line Item No.	Spending Initiative	Spending Initiative Summary	Amount	Target Timing ³	Clean Water Budget Line-Item Activity ⁴
8.02	Statewide High Resolution Land Cover Mapping & Hydro-Enforced Digital Elevation Model (DEM)	Supports enhancements to statewide land cover mapping data adding the hydro-enforced digital elevation model for the Lake Champlain Basin that assists with hydrologic modeling. Contribution from the Clean Water Fund represents small portion of full project cost, meeting incremental need to complete full scope. Updates will improve DEC's ability to characterize and map floodplain and wetland functions and to identify, prioritize, and track efforts to restore floodplain connection.	\$8,971	TBD	NR
8.03	Lake Champlain Sea Grant - Lake Watershed Management Position Support	Passthrough funds to University of Vermont-Lake Champlain Sea Grant to provide technical assistance to the Lakes and Ponds Program. Co-funded by Lake Champlain Sea Grant.	\$50,000	TBD	Multi-Sector
8.04	Lake Champlain Sea Grant - Green Infrastructure Collaborative	Passthrough funds to University of Vermont-Lake Champlain Sea Grant to manage the Green Infrastructure Collaborative (GIC), a partnership to promote Green Stormwater Infrastructure (GSI) and natural asset management in Vermont. Co-funded by Lake Champlain Sea Grant.	\$63,000	Encumbered fall/winter 2021	Multi-Sector
8	DEC Programs Support SUBTOTAL		\$131,971		
	TOTAL		\$13,455,612		

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DEPARTMENT OF ENVIRONMENTAL CONSERVATION COMMISSIONER APPROVAL

This Spending Plan is approved by the Department of Environmental Conservation (DEC) Commissioner for State Fiscal Year 2022 CWIP funding programs.

Peter Walke, DEC Commissioner

Date

Spending Plan is available electronically at: <https://dec.vermont.gov/water-investment/cwi/grants>.

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