

## List of ERP Grants Awarded in SFY14<sup>1</sup>

County	Partner	Summary Title	Funding	Topic	Cat
<b>Addison</b>	Six SFY13 projects are being implemented, totaling \$259,650 in grant funds.				
<b>Bennington</b>	Bennington County Conservation District	Tropical Storm Irene-Related Berm Removal on White Creek	\$11,498	R	2
	Bennington County Conservation District	Rupert Bed and Bank Stabilization	\$15,836	R	2
	Batten Kill Watershed Alliance	Mill Brook Mass Failure Stabilization, Floodplain Restoration	\$14,625	R	2
	Bennington County Regional Commission	Rupert Stormwater Master Plan	\$10,962	S	1
<b>Caledonia and Orleans</b>	Town of Hardwick, Caledonia County Natural Resources Conservation District	Stormwater Treatment, South Main Street, Hardwick	\$1,515 (project total with prior year funds is \$30,700)	S	2
	Caledonia County Natural Resources Conservation District	St. Johnsbury Stormwater Treatment and Illicit Discharge Detection & Elimination (IDDE) Study, Passumpsic and Sleepers Rivers	\$57,800	S	1
	Caledonia County Natural Resources Conservation District	St. Johnsbury Western Avenue Stormwater Retrofit Study	\$12,000	S	1
	Memphremagog Watershed Association	Lake Memphremagog Basin Illicit Discharge Detection & Elimination (IDDE) Study of the stormwater system in Brighton, City of Newport, Derby, Barton	\$49,160	S	1
	Orleans County Natural Resources Conservation District	Phosphorus Reduction by Restoring Riparian Areas in the Lake Memphremagog Basin	\$54,264	R	2
	Lewis Creek Association	Stormwater Treatment Project Implementation on the Laplatte River, Hinesburg	\$67,600	S	1
<b>Essex</b>	Essex County Natural Resources Conservation District	Agricultural BMP Nutrient and Pathogen Reduction in the Upper Connecticut River	\$8,000	A	2
<b>Franklin and Grand Isle</b>	Northwest Regional Planning Commission	Franklin County Regional Hydroseeder Program	\$38,675	Rd, A	2
	Friends of Northern Lake Champlain	Stewarding Farmland in the Missisquoi and St. Albans Bay Basins	\$68,000	A	2

<sup>1</sup> Excerpt from [2014 ERP Annual Report](#). Key for Topic and “Cat” (Category) symbols are at the end of the table.

County	Partner	Summary Title	Funding	Topic	Cat
<b>(Franklin – Grand Isle continued)</b>	Friends of Northern Lake Champlain	Missisquoi Basin Stormwater Master Planning and Priority Retrofit Project	\$75,000	S	1
	Franklin Watershed Committee (FWC)	Multi-barrier Cluster Approach to Stewarding Farmland, Lake Carmi	\$15,000 (paired with MRBA)	A	2
	Missisquoi River Basin Association (MRBA)	Multi-barrier Cluster Approach to Stewarding Farmland, Lake Carmi	\$15,000 (paired with FWC)	A	2
	VT Agency of Transportation	Road erosion reduction projects in St. Albans watershed, St. Albans Initiative	\$50,000 (project total with prior year funds is \$60,000)	Rd	2
<b>Lamoille</b>	Lamoille County Planning Commission	Brewster River Geomorphic Assessment and Corridor Plan, Cambridge	\$24,240	R	1
	Vermont River Conservancy, Lamoille County Natural Resources Conservation District	Wild Branch River Corridor Easement Implementation	\$76,660	R	3
	Lamoille County Natural Resources Conservation District	Lamoille Stormwater Project, Johnson State College and Peoples Academy High School	\$41,000	S	2
<b>Orange</b>	White River Natural Resources Conservation District	River Corridor Protection and Riparian Area Restoration Project Implementation, Wells River	\$9,267	R	2
<b>Orleans</b>	See Projects Under Caledonia and Orleans Counties				
<b>Rutland</b>	Rutland Natural Resources Conservation District	Stormwater Reduction in the Tenney Brook and East Creek	\$34,000	S	1
	Poultney-Mettowee Natural Resources Conservation District	Poultney High School Stormwater Management, Poultney River	\$41,710	S	2
	Poultney-Mettowee Natural Resources Conservation District	Woodlawn Farm Agricultural Runoff Reduction/Barnyard Improvement, tributary to the Mettowee River, Pawlett	\$42,765	A	2
	Town of Killington	US Route 4, Killington Road Park and Ride Stormwater Project	\$242 (project total with prior year funds is \$12,430)	S	2

County	Partner	Summary Title	Funding	Topic	Cat
<b>(Rutland continued)</b>	Village of Poultney	York Street Stormwater Management Feasibility Analysis to Control Stormwater Runoff into Poultney River	\$9,000	S	1
<b>Washington</b>	Friends of the Mad River	Addressing Priority Road Erosion Sites in Fayston	\$30,614	Rd	2
	Central VT Regional Planning Commission	Waterbury/Winooski River Corridor Plan and Fluvial Erosion Hazard Mapping	\$60,960	R	1
<b>Windham</b>	Windham County Natural Resource Conservation District	River Corridor Plan, Williams River, Chester, Andover	\$94,000	R	1
	Windham County Natural Resource Conservation District	Trees for Streams, Windham County	\$15,000	R	2
<b>Windsor</b>	Vermont River Conservancy	Pingree Flats Easement Project - Money Brook Tributary to Black River, Plymouth	\$52,713	R	3
	Two Rivers-Ottawaquechee Regional Commission	Ottawaquechee Abandoned US4 Abutment Removal	\$48,000	R	2
	Connecticut River Watershed Council	Restoration of Ottawaquechee River, Barnard Brook Riparian Areas, Billings Farm, Woodstock	\$14,148	R, A	2
	Village of Woodstock	Ottawaquechee River Riparian Area Restoration, Woodstock Community River Park	\$47,500 (project total with prior year funds is \$62,500)	R	2
<b>Regional-Lake Champlain Basin</b>	Friends of the Winooski River	Basin Illicit Discharge Detection & Elimination (IDDE) Study of the Stormwater Systems in the Municipalities of Barre City, Barre Town, Berlin, Williamstown, and Stowe	\$3,859 (project total with prior year funds is \$59,400)	S	1
	Friends of the Winooski River	Targeted Riparian Restoration in the Winooski Watershed	\$33,960	R	2
	Winooski Natural Resources Conservation District	Trees for Streams in the District	\$28,960	R	2
	University of Vermont-Extension	Implementing Precision Agriculture Technology for Liquid Manure Nutrient Management	\$63,150	A	2

County	Partner	Summary Title	Funding	Topic	Cat
<b>Regional-CT River</b>	White River Partnership	Upper and Middle White River Corridor Plan	\$77,325	R	1
	White River Natural Resources Conservation District	Agricultural Water Quality Best Management Practices (BMP) for Small Farms, First and Third Branch, White River	\$35,340	A	1
<b>Statewide</b>	Federation of Vermont Lakes and Ponds	Lakescaping: Shoreland Area Restoration Using LakeWise Best Practices	\$25,779	L	2
	Vermont Association of Conservation Districts	Trees for Streams, in Collaboration with 14 Natural Resources Conservation Districts	\$137,461 (project total with prior year funds is \$149,761)	R	2
	Vermont Youth Conservation Corps	Water Quality Implementation Teams Project	\$75,403	R	2
	Vermont Youth Conservation Corps	Additional Water Quality Implementation Projects - Buffers	\$11,000	R	2
	VT Agency of Transportation	Vermont Better Back Roads Program - Municipal Road Runoff Mitigation Projects	\$227,000	Rd	2
	VT Agency of Transportation	Vermont Better Back Roads Program – Mitigation Projects on Private Roads/Lands	\$30,000	Rd	2

Topic Key

A: Agricultural Runoff  
L: Lake shoreline restoration/protection  
R: River corridor/floodplain restoration/protection  
Rd: Road Construction/Maintenance  
S: Stormwater Runoff  
W: Wetland restoration

Category

1: Project Development/Scoping  
2: Project Implementation  
3: Resource Protection

## Success Stories

The following selected projects represent types of implementation projects supported with SFY14 Ecosystem Restoration Program grants. These projects are representative of green stormwater infrastructure practices to control stormwater runoff from developed lands, road-related erosion and sediment controls, and river corridor and floodplain protection to improve flood resilience and enhance water quality locally.

### Project #1: Green Stormwater Infrastructure Project at Peoples Academy High School, Morristown, Lamoille County

The Lamoille County Conservation District and the Town of Morristown designed and installed green stormwater infrastructure practices at Peoples Academy High School to keep stormwater runoff out of Ryder Brook. The project captures and treats approximately 90% of the stormwater runoff generated from campus. Refer to the VTDEC blog for more information:

<http://vtwatershedblog.com/2014/11/20/ideas-become-a-reality>



**BEFORE** – School parking area. Photo credit: Lamoille County Conservation District.



**AFTER** – School parking area after installation of bioretention system. Photo credit: Lamoille County Conservation District

## Project #2: Floodplain Restoration at the Woodstock Community Riverfront Park, Windsor County

The Village of Woodstock restored the floodplain at land formerly used as the town snow dump, to create the new Woodstock Community Riverfront Park. The project installed green stormwater infrastructure called rain gardens and a vegetated buffer to filter stormwater runoff before it reaches the Ottauquechee River. The park supports public access to the Ottauquechee River for boating or swimming. Refer to the VTDEC blog for more information: <http://vtwatershedblog.com/2014/12/17/woodstock-community-riverfront-park-completed/>



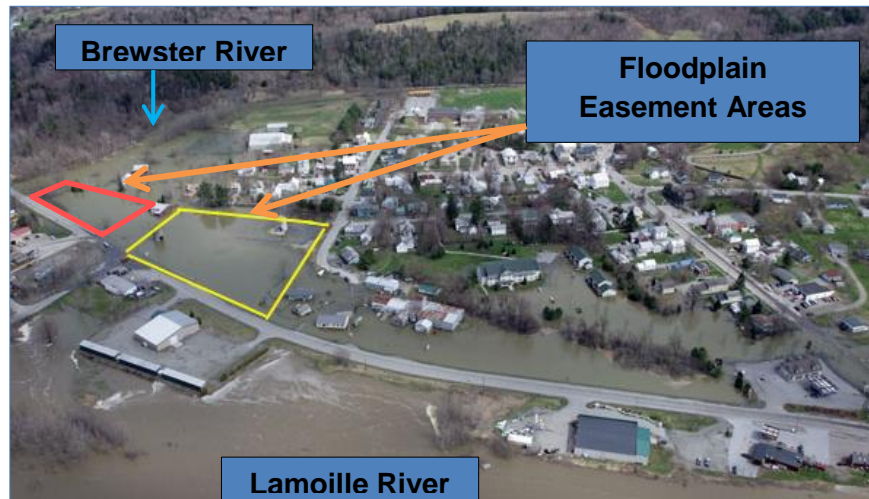
**BEFORE** – Eroding and degraded floodplain, Ottauquechee River. Photo credit: M. Caduto, VTDEC



**AFTER** – Restored floodplain, Ottauquechee River. Photo credit: M. Caduto, VTDEC

## Project #3: Jeffersonville Floodplain Easement, Lamoille County

The Village of Jeffersonville permanently protected 3 acres of the floodplain which will serve the dual purpose of mitigating damages and property loss from future flooding and improving water quality for the Brewster and Lamoille rivers. Work with a second landowner continues to protect another 2 acres of floodplain.



Jeffersonville in the aftermath of the April 2011 flood. Outlined in yellow shows the conserved 3 acres of floodplain. Outlined in red shows the additional 2 acres of floodplain to be conserved. Route 15 bisects the photo and the Lamoille River covers the bottom of the photo. The Brewster River borders the village at the top of the photo. Photo credit: S. Pomeroy, VTDEC



## Project #4: Northrop & Talcott Road Erosion Mitigation Projects, Town of Fairfield, Franklin County

This project was previously identified as an eroding gravel road and ditch in an ERP-funded Stormwater Master Plan for Franklin County. The Missisquoi River Basin Association (MRBA) championed this project, which involved removing a roadside berm that was blocking a ditch, rock-lining eroding ditches and outlets, and fencing to keep livestock out of the ditch.



**BEFORE** – Unstable road and ditch.  
Photo credit: MRBA



**AFTER** – Stabilization of eroding road and ditch and livestock exclusion with fencing. Photo credit: MRBA

## Project #5: Waysees Road Erosion Control on Lake Seymour, Town of Morgan, Orleans County

The Town of Morgan secured ERP funds via the VTans Vermont Better Back Roads program to mitigate sediment and erosion problems along Waysees Road, a private road, that were causing water quality impacts to Lake Seymour. The project involved stone-lining a settling pool below the road culvert outfall and controlling runoff from a steep hillside above the culvert.



**BEFORE** – Sediment-laden water discharging to Lake Seymour. Photo credit: V. Bushee



**AFTER** – Stone-lined settling pool and outfall below culvert, allowing sediment to settle out before discharging into Lake Seymour. Photo credit: M. Stickney, VTDEC

## Project #6: Kendrick Pond Dam Removal, Town of Pittsford, Rutland County

The removal of an old (circa 1870) ice pond dam restored 10 square miles of stream habitat in Rutland County. More information may be found at the VTDEC blog: <http://vtwatershedblog.com/2014/12/10/kendrick-dam-removal-project-completed/>



**BEFORE** – Mill pond behind dam filled with accumulated sediment. Photo credit: E. Swift, VTDEC



**AFTER** – Free-flowing Sugar Hollow Brook. Photo credit: E. Swift, VTDEC

## Project #7: Erosion Control on Lake Dunmore Community Access Path, Town of Salisbury, Addison County

The Federation of Vermont Lakes and Ponds teamed up with the Town of Salisbury, Vermont Youth Conservation Corps and VTDEC LakeWise Program to stabilize an eroding public access path to Lake Dunmore.



**BEFORE** – Erosion at community access path at Lake Dunmore. Photo credit: A. Picotte, VTDEC



**BEFORE** – Stabilization of access path. Photo credit: A. Picotte, VTDEC

## Project #8: Stabilization of Pond Brook Gully, Town of Monkton, Addison County

Monitoring data show that the Pond Brook Watershed is the largest contributor of nutrient pollution loading into Lewis Creek. Lewis Creek Association (LCA) identified six actively eroding gullies in need of stabilization. The LCA worked with the landowner and the USDA-NRCS to stabilize two severely eroding gullies at a farm in Monkton. Stabilization of the remaining four gullies was completed in December, 2014.