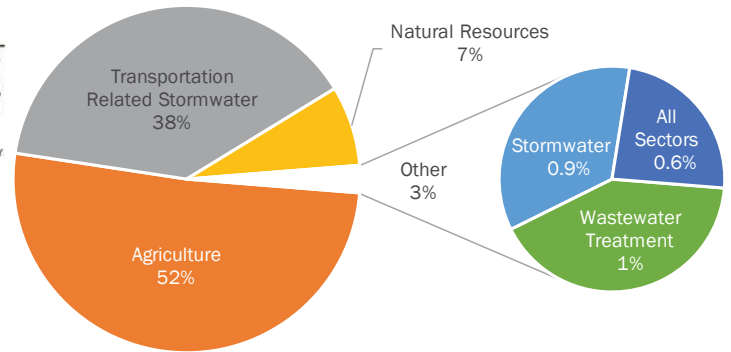
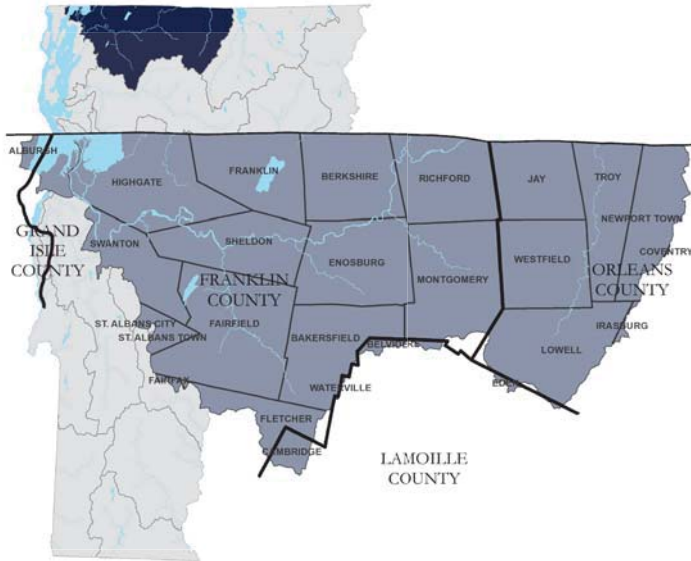


Missisquoi Bay Watershed Summary



State funding awarded in the Missisquoi Bay watershed in SFY 2017, by sector
Total: \$1,677,217

STATE FUNDS AWARDED IN SFY 2017

RESULTS OF PROJECTS COMPLETED IN SFY 2017



Results of projects completed in SFY 2017, by sector, in the Missisquoi Bay watershed.

AGRICULTURE PROJECT RESULTS	
Acres of cropland and pasture treated by annual conservation practices	481
Acres of cropland and pasture treated by crop rotation and associated practices	NA
Acres of cropland and pasture treated by forested buffers	NA
Number of barnyard/production area practices installed	14
Acres of water quality protections within conserved agricultural lands	36

TOTAL PHOSPHORUS REDUCED (kilograms per year)	
Annual agricultural conservation practices	15
Agricultural crop rotation and associated practices	NA
Forested riparian buffer restoration on agricultural lands	NA

NATURAL RESOURCES PROJECT RESULTS	
Acres of forested riparian buffer restored through buffer planting	NA
Acres of river corridor conserved through easements	38
Acres of floodplain restored	NA
Stream miles enhanced and reconnected due to dam removal (also supports aquatic organism passage)	NA
Acres protected for public access, recreation, forest conservation, and water quality	NA
Acres of water quality protections within conserved land (forested buffer area and wetland protection zones)	NA

TOTAL PHOSPHORUS REDUCED (kilograms per year)	
Forested riparian buffer restoration on non-agricultural lands	NA

TRANSPORTATION RELATED STORMWATER PROJECT RESULTS	
Miles of municipal road drainage improvements	1
Number of municipal road drainage structures installed	NA
Number of municipal road drainage and stream culverts replaced	10
Stream miles enhanced and reconnected due to replaced stream culverts (also supports aquatic organism passage)	NA

TOTAL PHOSPHORUS REDUCED (kilograms per year)	
Road erosion control practices	4.1

PROJECT RESULTS: STORMWATER	
Acres of impervious surface treated	20

TOTAL PHOSPHORUS REDUCED (kilograms per year)	
Stormwater treatment practices	3

Missisquoi Bay Watershed Projects



Clean water projects funded by state agencies in SFY 2017 in the Missisquoi Bay watershed.

TOWN	AGENCY	PARTNER	SUMMARY TITLE	SECTOR	FUNDING SOURCE	AMOUNT
Bakersfield	VTrans	Bakersfield	TH 3/25 East Bakersfield/King Road – Municipal Roads Erosion Control	Roads	CWF	\$3,219
Bakersfield	VTrans	Bakersfield	Municipal Culvert and Road Erosion Inventory	Roads	VTTF	\$3,462
Bakersfield	VTrans	Bakersfield	TH 37 Waterville Mtn. Road – Municipal Roads Erosion Control	Roads	VTTF	\$3,930
Bakersfield	VTrans	Bakersfield	TH 38 Lost Nation Road – Municipal Roads Erosion Control	Roads	VTTF	\$5,213
Berkshire	VTrans	Berkshire	TH 15 Ayers Hill Road – Municipal Roads Erosion Control	Roads	VTTF	\$9,281
Cambridge	AAFM	Beaudoin, Gregory	Clean Water Diversion	Ag	Capital	\$10,000
Cambridge	AAFM	Beaudoin, Gregory	Heavy Use Area Protection	Ag	Capital	\$10,000
Cambridge	AAFM	Beaudoin, Gregory	Heavy Use Area Protection	Ag	Capital	\$10,000
Cambridge	AAFM	Beaudoin, Gregory	Waste Transfer	Ag	Capital	\$20,000
Enosburgh	AAFM	B & T Black Creek Farm Ltd	Alternative Manure Incorporation	Ag	General	\$5,000
Enosburgh	AAFM	Lussier, Daniel	Cover Crop	Ag	General	\$1,620
Enosburgh	AAFM	Wright Farm	Access Road	Ag	CWF	\$20,253
Enosburgh	AAFM	Wright Farm	Heavy Use Area Protection	Ag	CWF	\$21,596
Enosburgh	AAFM	Wright Farm	Waste Storage Structure	Ag	CWF	\$111,117
Enosburgh	VTrans	Enosburgh	Municipal Salt and Sand Shed Design and Construction	Roads	FTF	\$300,000
Enosburgh	VTrans	Enosburgh	TH 11 Woodward Neighborhood Road – Municipal Roads Erosion Control	Roads	VTTF	\$10,656
Enosburgh	VTrans	Enosburgh Falls	TH 5 Duffy Hill Road – Municipal Roads Culvert Upgrade	Roads	CWF	\$40,000
Enosburgh	VTrans	Northwest Regional Planning Commission	Municipal Road Erosion Inventory	Roads	FTF	\$5,238
Fairfield	AAFM	Cream & Sugar Spread	Alternative Manure Incorporation	Ag	General	\$1,458
Fairfield	AAFM	Magnan Bros Dairy, Inc.	Alternative Manure Incorporation	Ag	General	\$5,000
Franklin	AAFM	Borderview Farm LLC	Heavy Use Area Protection	Ag	Capital	\$15,425
Franklin	AAFM	Borderview Farm LLC	Heavy Use Area Protection - Part #2	Ag	Capital	\$17,238
Franklin	AAFM	Borderview Farm LLC	Waste Storage Structure	Ag	Capital	\$70,943
Franklin	AAFM	Bridgeman View Farm	Manure Application Record Keeping Equipment	Ag	Capital	\$10,000
Franklin	AAFM	Riverview Farm	Waste Transfer	Ag	Capital	\$50,000
Franklin	ANR	Franklin Watershed Committee	Lake Carmi Private Camp Roads and Culverts Erosion Assessment – Project Identification	Roads	CWF	\$4,000
Franklin	ANR	Franklin Watershed Committee	Lake Carmi/Franklin Roadside Erosion Control – Implementation	Roads	CWF	\$8,500
Franklin	ANR	Franklin Watershed Committee	Pike River/Franklin Town Highway Garage Stormwater Treatment – Preliminary Design	SW	Capital	\$9,800
Franklin	VTrans	Franklin	TH 5 Swamp Road – Municipal Roads Erosion Control and Culvert Upgrade	Roads	CWF	\$11,000
Highgate	AAFM	Rainville Dairy LLC	Closure of Waste Impoundments	Ag	Capital	\$22

Note: Multi-watershed and statewide projects are listed in separate tables at the end of this appendix.

Missisquoi Bay Watershed Projects



Clean water projects funded by state agencies in SFY 2017 in the Missisquoi Bay watershed.

TOWN	AGENCY	PARTNER	SUMMARY TITLE	SECTOR	FUNDING SOURCE	AMOUNT
Highgate	AAFM	Rainville Dairy LLC	Additional Conservation Practices	Ag	Capital	\$8,753
Highgate	AAFM	Rainville Dairy LLC	Waste Treatment - Silage	Ag	Capital	\$8,764
Highgate	AAFM	Rainville Dairy LLC	Waste Storage Structure	Ag	Capital	\$17,958
Highgate	AAFM	Rainville Dairy LLC	Waste Transfer	Ag	Capital	\$19,200
Highgate	AAFM	Rainville Dairy LLC	Waste Storage Structure	Ag	Capital	\$20,303
Highgate	ANR	Vermont Land Trust	Rock River Corridor Easement (Choiniere Property) – Implementation	NR	Capital	\$46,325
Highgate	VTrans	Highgate	TH 15 Shipyard Road – Municipal Roads Erosion Control and Culvert Upgrade	Roads	VTF	\$15,788
Highgate	VTrans	Highgate	TH 22 Tarte Road – Municipal Roads Culvert Upgrade	Roads	VTF	\$23,176
Irasburg	VTrans	Irasburg	TH 4 – Municipal Roads Erosion Control	Roads	VTF	\$12,967
Lowell	AAFM	LeBlanc, Alain	Waste Transfer	Ag	Capital	\$6,500
Lowell	AAFM	LeBlanc, Alain	Waste Treatment - Milk House Waste	Ag	Capital	\$13,500
Newport City	ANR	Missisquoi River Basin Association	Sleeper Pond/Mud Creek Dam Removal Alternatives Analysis in Newport Center – Preliminary Design	NR	CWF	\$32,450
Newport Town	AAFM	Leather, Jeremy	Heavy Use Area Protection	Ag	Capital	\$40,000
Norton	VTrans	Norton	TH 3 Churchill Road – Municipal Roads Erosion Control and Culvert Upgrade	Roads	CWF	\$19,808
Richford	AAFM	Pleasant Valley Farm	Waste Treatment - Silage	Ag	Capital	\$15,617
Richford	AAFM	Pleasant Valley Farm	Waste Treatment - Silage (Part #2)	Ag	Capital	\$34,383
Richford	VTrans	Richford	TH 8 Berry Road – Municipal Roads Erosion Control and Culvert Upgrade	Roads	CWF	\$19,046
Richford	VTrans	Richford	TH 3 North Branch Road – Correction of Stream Bank Erosion	Roads	CWF	\$40,000
Richford	VTrans	Richford	TH 11 Corliss Road – Correction of Slope Erosion and Culvert Upgrade	Roads	CWF	\$40,000
Swanton	AAFM	Friends of Northern Lake Champlain	Education and Outreach	Ag	General	\$1,000
Swanton	AAFM	Manning Dairy LLC	Waste Treatment - Silage	Ag	Capital	\$18,600
Swanton	AAFM	Manning Dairy LLC	Waste Transfer	Ag	Capital	\$56,400
Swanton	VTrans	Swanton	TH 17 Waugh Farm Road – Correction of Stream Bank Erosion and Road Erosion Control	Roads	CWF	\$8,524
Troy	AAFM	J & R Family Farm	Waste Transfer	Ag	Capital	\$9,000
Troy	AAFM	Knox Ridge Holsteins	Aeration Tillage	Ag	General	\$1,752
Troy	VTrans	Troy	TH 31 Collins Mill Road – Municipal Roads Erosion Control	Roads	CWF	\$20,000
Westfield	AAFM	Missisquoi Valley Farm LLC	Aeration Tillage	Ag	General	\$2,760
Westfield	ANR	Missisquoi River Basin Association	Jay State Forest Restoration and Erosion Control – Implementation	NR	Capital	\$37,360
Westmore	VTrans	Westmore	TH 30 Old Cottage Lane – Municipal Roads Erosion Control and Culvert Upgrade	Roads	CWF	\$20,000