

**Supplemental Environmental Project (SEP) Summaries**  
**A listing of many SEPs from 1996 – 2010**  
**(Alphabetical, by SEP Recipient)**

**Informational Flyers on Oil Storage**

**SEP Recipient:** American Ground Water Trust

**Violator:** SB Collins, Inc.

**Program:** Waste Management

**Summary of Violation:** 10 V.S.A. §6616 (release of hazardous materials into the environment) and 10 V.S.A. §6617 (failure to report a release of hazardous materials).

**Amount:** \$25,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmation:** 12/26/01

**Project Description:** Created and distributed 100,000 color flyers to homes, businesses and farms to educate consumers. The flyers inform the reader that each year in Vermont there are 30-50 reported accidental releases of oil from home heating oil tanks, and that such leaks have the ability to enter and contaminate the ground water that Vermonters use for drinking. The flyer also tells the reader about a simple pressure test that can be used to check an oil tank for leaks. In addition, one panel of the flyer provides contact information for further information. American Ground Water Trust also contacted the local media with the information, and posted the flyer on their website.

**Green Cleaning in Schools**

**SEP Recipient:** Association of Vermont Recyclers

**Violator:** Heritage Environmental Services, LLC

**Program:** Waste Management

**Summary of Violation:** Failure to make a hazardous waste determination - Vermont Hazardous Waste Management Regulations (VHWMR) §7-202(b); Failure to mark accumulation container as hazardous waste – VHWMR §7-310(a)(5); Inaccurate inventory log- Hazardous Waste Storage Certification Condition 7.13b and VHWMR §7-311(d)(1); Failure to record poor container condition in daily inspection records – VHWMR §7-311(d)(2)(A, D); Leaking storage containers – VHWMR §7-311(f)(2) and Certification section D-1a(1); Organic air emissions release – 40 C.F.R. §264.1086(c)(3 and 4(i)); Failure to conduct quality control sampling – Certification section C III.B.3.a.

**Amount:** \$9,500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmation:** 11/07/01

**Project Description:** The Association worked with Vermont public schools to introduce less toxic cleaning supplies. This project was coordinated with the state project that awarded new contracts to Environmentally Preferable cleaners. Two schools and the Association participated in the user testing phase of the state project. After state contracts were made, the Association sent information to 333 school principals and 56 school managers. They also hosted a table and talk at the annual Custodian's Conference to promote green cleaning.

**School Science Lab and Mercury Clean-Out**

**SEP Recipient:** Association of Vermont Recyclers/ Chittenden Solid Waste District

**Violator:** Heritage Environmental Services, LLC

**Program:** Waste Management

**Summary of Violation:** Failure to make a hazardous waste determination - Vermont Hazardous Waste Management Regulations (VHWMR) §7-202(b); Failure to properly label hazardous waste containers located in the storage area –

VHWMR §7-311(f)(1); Failure to properly maintain functioning instruments and use approved sampling and analytical methods – Certification Condition 8.2; Failure to maintain a personnel training program – VHWMR §7-308(b)(10)(A-C); Failure to file an exception report – VHWMR §7-707(b); Failure to send copies of manifests to the agency – VHWMR §7-706(b)(6).

**Amount:** \$9,500

**Location of SEP:** Vermont-Wide, but concentrated in Chittenden and Rutland Counties and in the Northeast Kingdom.

**Project Completion Confirmation:** 03/20/07

**Project Description:** The project “School Science Lab and Mercury Clean-Out Project” involved a one-time clean-out of unwanted and expired science laboratory chemicals from several Vermont middle and high schools. Prior to the clean-out, a safety and informational workshop was conducted for representatives of the first 25 schools. Chittenden Solid Waste District provided administrative planning assistance, and the Association of Vermont Recyclers provided training and technical assistance.

### Healthy Home, Clean Waters

**SEP Recipient:** Association of Vermont Recyclers

**Violator:** Town of Bethel

**Program:** Wastewater Management

**Summary of Violation:** Violations of Discharge Permit #3-1280: Condition I.A.1 – E.coli effluent limitation; Condition I.A.2 – Discharging of effluent containing floatable solids; Condition I.D.3 – Failure to collect samples representative of the volume and nature of the monitored discharge; Condition II.J.1 – Failure to maintain the facility in good working condition so as to prevent excessive discharges of pollutants; Condition II.J.2 – Failure to provide adequate operating staff to insure compliance with Permit.

**Amount:** \$10,000

**Location of SEP:** Bethel

**Project Completion Confirmation:** 10/05/2005

**Project Description:** The “Healthy Home, Clean Waters” project involved community-wide education on hazardous waste reduction and pollution to waterways. Residents and businesses were encouraged to switch to less toxic alternatives. Workshops were held for both adults and children, and informational tables were placed during community events. A mercury thermometer take-back program was also implemented, where mercury thermometers could be exchanged for free solar thermometers. 641 people were reached during the community events, and many more by print and radio ads. The primary messages were 1) switch to less toxic cleaners and 2) properly dispose of mercury added products.

### Common Tern Monitoring

**SEP Recipient:** Audubon Vermont

**Violator:** Grand Isle School District

**Program:** Wastewater Management

**Summary of Violation:** Violations of Indirect Discharge Permit ID-9-0187: Condition D(2) – Failure to submit annual inspection report implementation schedule; Condition E(2) – Failure to monitor septic tank effluent and report results; Condition E(3) – Failure to monitor recirculating sand filter effluent and report results; Condition E(4) – Failure to record daily water meter readings and water usage; Condition E(5) – Failure to monitor and report the level of ponding in observation wells; Condition E(6) – Failure to monitor and report groundwater levels in groundwater wells; Condition D(7) – Failure to maintain a certified treatment facility operator.

**Amount:** \$1,200

**Location of SEP:** Lake Champlain Area (Young Island and Round Pond Natural Area)

**Project Completion Confirmation:** 03/21/05

**Project Description:** Completed the Common Tern monitoring project in which tern nests were counted, and reproductive success was estimated based on the number of fledglings observed. The study found that most nest failures were caused by predation by other birds, including Great Horned Owls and Black-crowned Night Herons. The Audubon staff installed physical deterrents to reduce predation. The staff put bands on all observed fledglings for later identification.

#### **Mile-Around Woods Trail Map and Guide**

**SEP Recipient:** Bennington County Conservation District

**Violator:** Town of Bennington

**Program:** Waste Management

**Summary of Violation:** Allowing more than one trailer to be used for tire storage, in violation of the Bennington Transfer Station Amended Interim Certification.

**Amount:** \$2,000 from violator, other funds contributed via gifts and grants.

**Location of SEP:** North Bennington, VT

**Project Completion Confirmed:** 02/05/02

**Project Description:** Produced a trail map and guide and printed 3,000 copies for distribution. Prior to the start of this SEP, students at North Bennington Graded High School had used Global Positioning to create a map for a popular trail near their school. The students had also created drawings of birds, animals, and plants commonly found on the trail. This project brought the two together to create the trail map and guide.

#### **Piggery Land Stream Bank Restoration**

**SEP Recipient:** Bennington County Conservation District

**Violator:** Burgess Brothers, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Solid Waste Management Facility Certification Condition 2(a) – Failure to perform partial closure of landfill.

**Amount:** \$2,000 plus backhoe work valuing \$3,000.

**Location of SEP:** Manchester

**Project Completion Confirmed:** 07/24/00

**Project Description:** Restored 400 ft. of badly eroded stream-bank at two sites which are popular for fishing. Excavation was completed and tree planting revetments (along with root wads, brush layers, and other natural materials) were installed to restore the river.

#### **Water Quality Monitoring and Education**

**SEP Recipient:** Bennington County Conservation District

**Violator:** Town of Rupert

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. § 1259(a) – Discharge into state waters without a permit.

**Amount:** \$3,000

**Location of SEP:** West Pawlet

**Project Completion Confirmation:** 06/017/05

**Project Description:** Conducted a water quality monitoring and education project on property owned by the Mettawee Community School. Students at the school participated throughout. A thermograph was installed for

monitoring. Other testing equipment was purchased, including a limnology test kit, a microscope, a rain gauge, and turbidity tubes. An observation platform was built by the river, and signage was installed for educational purposes. In addition, buffer trees and shrubs were planted on the river bank.

### **Shaftsbury Swap Shop**

**SEP Recipient:** Bennington County Regional Commission

**Violator:** T.A.M., Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Solid Waste Management Rule (SWMR) § 6-303(a) – Failure to obtain certification to operate a solid waste management facility; Violation of 10 V.S.A. § 6605a(c)&(d) & Solid Waste Management Certification (“Certification”) Condition #9 – Accepting municipal waste in excess of the 1000 ton per year limit; Violation of Certification Condition #9 – Accepting municipal waste in excess of the 5 ton per day limit; Violation of Certification Condition #16 – Failure to submit written certification prior to disposal of wastes from other municipalities.

**Amount:** \$8,500

**Location of SEP:** Shaftsbury

**Project Completion Confirmed:** 12/17/08

**Project Description:** Created a “swap shop” for residents to swap lightly-used items for free. Residents drop off reusable items and may come to the shop to take items left by others. The swap shop was built within the existing transfer station of the town. In addition to construction, signage and a bulletin board were also covered under the SEP funds. The swap shop will be maintained in the future by the Town.

### **Water Monitoring and Education**

**SEP Recipient:** Bonnyvale Environmental Education Center

**Violator:** Renaud Brothers, Inc.

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §905(9) and Vermont Wetlands Rule §§ 6.3 and 8 – Excavating Soil, filling, and clearing vegetation in a Class Two wetland and the fifty (50) foot buffer zone without a Condition Use Determination; Violation of Vermont Solid Waste Management Rule (VSWMR) § 6-302(c) – Operation of a solid waste management facility without certification; Violation of VSWMR § 6-302(d) – Disposal of solid waste outside a certified facility; Violation of 10 V.S.A. Chapter 151 – Failure to obtain an Act 250 permit.

**Amount:** \$1,700

**Location of SEP:** Southeastern VT – Whetstone, Saxtons, and West Rivers

**Project Completion Confirmed:** 10/20/00

**Project Description:** Purchased equipment to increase the SEP recipient’s water monitoring capability. The Whetstone, Saxtons, and West Rivers and the Sacketts and East Putney Brook are all monitored and are tributaries of the Connecticut River. The Center is a non-profit organization and uses the monitoring data to prepare reports to municipalities and to the state, among others.

### **Improvements to Campground and Park**

**SEP Recipient:** Boy Scout Troop 403

**Violator:** Douglas March

**Program:** Air Pollution

**Summary of Violation:** Violation of Vermont Air Pollution Control Regulations § 5-201 – Open burning of unpermitted material; Violation of Vermont Solid Waste Management Regulations § 6-302(d) – Disposal of waste outside a

certified facility; Violation of 10 V.S.A. § 6607(a) – Transportation of solid waste without a permit.

**Amount:** \$1,500

**Location of SEP:** Guilford, VT

**Project Completion Confirmed:** 10/25/04

**Project Description:** Built improvements to the Boy Scouts' local campground and park. A cabin was built and used regularly by both the Scouting program and other community groups. The Scouts also developed some nature trails with identified tree and scrub species. In addition, improvements were made to the roadway, parking area, and a large pavilion.

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#### **Purchase of Firefighter Gear**

**SEP Recipient:** Burlington Fire Department

**Violator:** Wesco, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Storage Tank Regulation § 8-604(5) – Failure to perform necessary site investigation; Violation of 10 V.S.A. § 6616 – Release of hazardous materials; Violation of Vermont Hazardous Waste Management Rule § 7-105(2) – Failure to report release of hazardous materials.

**Amount:** \$1,000

**Location of SEP:** Burlington

**Project Completion Confirmed:** 2/10/00

**Project Description:** Purchased a coat, pants, boots, helmet and gloves to outfit one firefighter.

#### **Portable Skidder Bridge Rental Project**

**SEP Recipient:** Caledonia County Natural Resources District

**Violator:** Normand Inkel

**Program:** Forests & Parks

**Summary of Violation:** Violation of 10 V.S.A. § 1259(a) – Logging discharge without a permit; 10 V.S.A. § 6001(3) – Failure to obtain an Act 250 permit prior to logging an area above 2500 feet in elevation.

**Amount:** \$5,200

**Location of SEP:** Caledonia County

**Project Completion Confirmed:** 8/17/10

**Project Description:** Two portable skidder bridges were built by volunteers, including students from the North Country Union High School technical forestry program. The bridges are now stored at local sawmills for easy rental access. A hands-on workshop was provided for the use and information of loggers in the Northeast Kingdom. The use of portable skidder bridges reduces impacts to streams from stream crossings at logging operations.

#### **Portable Skidder Bridge Rental Program**

**SEP Recipient:** Caledonia County Natural Resources District

**Violator:** Robert Riendeau

**Program:** Forests & Parks

**Summary of Violation:** Violation of 10 V.S.A. §2625(b) – Failure to file notice of intent to cut prior to commencing heavy cut of 40 acres or more; 10 V.S.A. §1259(a) – Failure to follow Acceptable Management Practices (AMPs) resulting in discharges to waters of the State.

**Amount:** \$6,000

**Location of SEP:** Caledonia County

**Project Completion Confirmed:** 8/17/10

**Project Description:** Two portable skidder bridges were built by volunteers, including students from the North Country Union High School technical forestry program. The bridges are now stored at local sawmills for easy rental access. A hands-on workshop was provided for the use and information of loggers in the Northeast Kingdom. The use of portable skidder bridges reduces impacts to streams from stream crossings at logging operations.

#### **Portable Skidder Bridge Rental Program**

**SEP Recipient:** Caledonia County Natural Resources District

**Violator:** Frizzell d/b/a Lemington Timber Co., LLC

**Program:** Forests & Parks

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Failure to follow Acceptable Management Practices (AMPs) resulting in discharges to waters of the State.

**Amount:** \$1,978

**Location of SEP:** Caledonia County

**Project Completion Confirmed:** 8/17/10

**Project Description:** Two portable skidder bridges were built by volunteers, including students from the North Country Union High School technical forestry program. The bridges are now stored at local sawmills for easy rental access. A hands-on workshop was provided for the use and information of loggers in the Northeast Kingdom. The use of portable skidder bridges reduces impacts to streams from stream crossings at logging operations.

#### **Acquisition and Development of Canales Woods**

**SEP Recipient:** Capital Area Land Trust

**Violator:** J. Hogan Refrigeration and Mechanical Co., Inc.

**Program:** Water Quality

**Summary of Violation:** Violation of Vermont Solid Waste Management Rules § 6-302(d) – Disposal of solid waste outside a certified facility; Violation of 10 V.S.A. §1259(a) – Discharge to waters of the State without a permit.

**Amount:** \$12,000

**Location of SEP:** Barre

**Project Completion Confirmed:** 08/22/07

**Project Description:** With additional funding from other sources including the Vermont Housing and Conservation Board, an approximately 2 acre parcel known as “Canales Woods” was purchased. The land contains mixed woods and a small wetland. The land was cleaned up and nature trails were created. With \$2,000 of the SEP funds remaining at the end of the project, the Vermont Institute of Natural Science (VINS) implemented a wetlands education program for Barre school children, as well as other community outreach programs. VINS also created a butterfly garden.

#### **Brochures on the Hazards and Proper Disposal of Mercury**

**SEP Recipient:** Chittenden Solid Waste District

**Violator:** Burton Corporation

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Hazardous Waste Management Regulations (VHWMR) § 7-304 and § 7-202 – Failure to determine whether a waste is hazardous; Violation of VHWMR § 7-309(1)(b) – Inspection log deficiencies; Violation of VHWMR § 7-308(5)(a) and § 7-309(5)(a) – Poor container condition; Violation of VHWMR § 7-309(7) – Failure to post hazardous waste signs; Violation of VHWMR § 7-308(5)(b)(c) and (d) – Failure to close a waste container, failure to properly label waste container, failure to place a storage container at or near the point of

generation; Violation of VHWMR § 7-308(4) – Failure to properly label waste containers; Violation of VHWMR § 7-309(3) and (4) – Failure to maintain a contingency plan and failure to maintain facility personnel.

**Amount:** \$10,350

**Location of SEP:** Vermont-Wide, Distributed from Chittenden County

**Project Completion Confirmed:** 03/04/00

**Project Description:** Produced two brochures on the hazards and proper disposal of mercury and mercury-containing products. 20,000 of one and 8,000 of the other were printed and mailed to Vermont industries and businesses. The brochures listed items that commonly contain mercury, alternatives that can be purchased, and information on disposal through the local solid waste districts.

### **Fluorescent Lamp Collection for Small Businesses**

**SEP Recipient:** Chittenden Solid Waste District

**Violator:** Champlain Cable Corporation

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Hazardous Waste Management Regulations (VHWMR) § 7-702(a)(1-2) and (e,f) – Failure to identify waste with the proper hazardous waste code; VHWMR § 7-307(c)(9)(B) – Failure to post required emergency information at telephones throughout the facility; VHWMR §7-307(c)(9)(C) – Lack of required documentation and on-site training for hazardous waste handlers; VHWMR §7-310(a)(4-5) – Failure to identify, label, and close hazardous waste containers; VHWMR §7-912(d)(5)(A)(ii,iii) – Failure to post warning signs in designated storage areas, and failure to seal full packages of mercury containing lamps.

**Amount:** \$10,000 (additional funds provided by Chittenden Solid Waste District).

**Location of SEP:** Chittenden County

**Project Completion Confirmed:** 10/01/02

**Project Description:** Purchased and installed containers to collect up to 1,500 bulbs at five convenient drop-off centers. The drop-off centers are located in South Burlington, Richmond, Essex, Williston and Milton. In addition, informational mailings were sent to all businesses in Chittenden County. The mailings had information on proper storage and disposal of fluorescent bulbs. The Chittenden Solid Waste District accepts bulbs from residential customers for no charge and from businesses (up to 100 free per year).

### **Salvage Yard Outreach**

**SEP Recipient:** Central Vermont Solid Waste District

**Violator:** Gates Salvage Yard

**Program:** Waste Management

**Summary of Violation:** Violation of 10 V.S.A. § 6616 and Vermont Hazardous Waste Management Regulations (VHWMR) §7-302(c) – Release of hazardous material onto the lands of the State without a permit; Violation of VHWMR §7-303 – Failure to determine if wastes are hazardous wastes; Violation of VHWMR §7-306(c)(2) – Improper disposal of hazardous waste.

**Amount:** \$7,000

**Location of SEP:** Vermont-wide.

**Project Completion Confirmed:** 01/17/03

**Project Description:** A series of informational mailings were sent to Vermont auto salvage businesses, in a collaboration between the Waste District and the Agency of Natural Resources' Environmental Assistance Division. Several fact sheets were included in the mailing covering used oil, shop rags, antifreeze and many other subjects. In addition, eight compliance assistance workshops were held throughout the state in June 2002. These breakfast workshops were free to attendees and aimed at compliance while promoting business. Further handouts were

available at the workshops, including a best management practices handbook. The project also paid salvage yards to remove mercury switches. The project was hailed as a success by the business operators.

#### **“Green Cone” Food Scrap Digesters**

**SEP Recipient:** Central Vermont Solid Waste Management District

**Violator:** Duane & Katherine Burgess

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Solid Waste Management Rule (SWMR) § 6-302(d) – Disposal of solid waste outside of a certified facility; SWMR §6-302(c) and 10 V.S.A. §6605(a)(1) – Operating a solid waste management facility without a certification.

**Amount:** \$7,000

**Location of SEP:** Bradford

**Project Completion Confirmed:** 12/08/09

**Project Description:** 25 Green Cone food scrap digesters were purchased and distributed (at a raffle) to residents of Bradford. The Green Cones are small composting units for food waste. The purpose of the project was to promote zero waste activities and the composting of food waste in particular.

#### **Acquisition of Maxwell Property in Coventry, VT**

**SEP Recipient:** Ducks Unlimited

**Violator:** City of Newport

**Program:** Wastewater Management

**Summary of Violation:** Violation of Vermont Solid Waste Rules – Failure to document compliance with the pathogen treatment requirements prior to land application of biosolids; Violation of 10 V.S.A. §1274(a) – Bypass of facilities necessary to maintain compliance with the permit; Violation of 10 V.S.A. §1272 – Failure to comply with order to upgrade the facility by September 30, 2005.

**Amount:** \$12,531

**Location of SEP:** Coventry, VT

**Project Completion Confirmed:** 04/14/09

**Project Description:** Funds were used toward the acquisition the “Maxwell Property” in Coventry, VT, a 63 acres parcel which is bisected by the Barton River. The purchase of this property continued progress toward bridging the gap between two large State-owned wetland complexes, and also contributed to the ultimate goal of restoring the ecological function of the lower Barton River. The land also provides valuable breeding and migration habitat for various species of wildlife. The land is also being kept open to light public recreation.

#### **Cutler Memorial Forest Project**

**SEP Recipient:** Dorset Conservation Commission

**Violator:** Dorset Fire District #1

**Program:** Wastewater Management

**Summary of Violation:** Failure to comply with provisions of Direct Discharge Permit #3-1408.

**Amount:** \$3,500

**Location of SEP:** Dorset

**Project Completion Confirmed:** 11/20/01

**Project Description:** Built a footbridge that crossed a 40 foot river channel on the Cutler Memorial Forest Property. The area disturbed by the construction was replanted for erosion control. With the remaining funds, the Commission



began improvements to the Dorset Trail, including gaining easements from adjoining property owners to ensure access.

#### **Citizen's Guide to Protecting the Mad River Watershed**

**SEP Recipient:** Friends of the Mad River

**Violator:** Mad River Canoe, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Hazardous Waste Management Regulations (VHWMR) §7-307(c)(9)(C) – Failure to provide annual training for all employees; Violation of VHWMR §7-310(a)(7) – Failure to indicate on the container label the date when the waste began to accumulate excess amount; Violation of VHWMR §7-311(b)(3) – Failure to maintain sufficient aisle space between rows of containers; Violation of VHWMR §7-311(d)(1) – Failure to maintain, at a location apart from the short-term storage area, a list of all hazardous waste currently in storage; Violation of VHWMR §7-311(d)(2)(D) - Failure to conduct daily inspections during regular business days of each short-term storage area; Violation of VHWMR §7-311(e)(1) – Failure to post a “Danger” sign at each short-term storage area; Violation of VHWMR §7-309(7)(b) – Failure to post a “no smoking” sign at each short-term storage area; Violation of Air Pollution Control Regulations §5-253.14(c)(1)(iv) – Failure to keep the cover of a cold cleaning operation closed whenever parts are not being handled in the cleaner.

**Amount:** \$2,250 from Mad River Canoe, and additional funding from other sources.

**Location of SEP:** Mad River Watershed

**Project Completion Confirmed:** 11/25/02

**Project Description:** Funded part of the cost of preparing, publishing, and distributing a landowner's guide to living in the Mad River watershed. The guide was informational and contained advice on proper storage and disposal of waste, maintenance of driveways and lawns, and conservation of energy, among other things. The guide focused especially on local issues. The goal of the project was to raise awareness and change behavior.

#### **Citizen's Guide to Protecting the Mad River Watershed**

**SEP Recipient:** Friends of the Mad River

**Violator:** Arland Stone

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharge to waters of the State without a permit.

**Amount:** \$1,500 (additional funding from other sources)

**Location of SEP:** Mad River Watershed (Friends of the Mad River is located in Waitsfield).

**Project Completion Confirmed:** 11/25/02

**Project Description:** Helped fund the cost of preparing, publishing, and distributing a landowner's guide to living in the Mad River watershed. The guide was informational, and contained advice on proper storage and disposal of waste, maintenance of driveways and lawns, and conservation of energy, among other things. The guide focused especially on local issues. The goal of the project was to raise awareness and change behavior.

#### **Outfall Survey in Barre**

**SEP Recipient:** Friends of the Winooski River

**Violator:** State of Vermont, Buildings and General Services Department

**Program:** Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6616 – Release of hazardous material into surface or groundwater or onto the lands of the State.

**Amount:** \$5,000

**Location of SEP:** Barre

**Project Completion Confirmed:** 10/27/06

**Project Description:** Conducted a survey of outfall pipes on Stephens Branch, Jail Branch, Gunner Brook, Edgewood Brook, Aldrich Brook, and Potash Brook. A total of 112 outfalls were located and documented. The subsequent report described the physical characteristics of each outfall and noted any potential concerns about obvious pollutant discharge. By coordinating with volunteers and other groups, the recipient was able to educate members of the public about run-off and discharges. In addition, the survey report can now be used by developers and town officials.

#### **Annual Volunteer Winooski River Cleanup**

**SEP Recipient:** Friends of the Winooski River

**Violator:** J.K.L. Ltd. Redstone Construction

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharge into State waters without a permit; Violation of Land Use Permit 5W1384 §9 – Compliance with erosion controls; Violation of 5W1384 §10 – Discharge of waste material into surface waters; Violation of 5W1384 §15 – Construction prior to approval.

**Amount:** \$3,000

**Location of SEP:** Montpelier

**Project Completion Confirmed:** 04/05/05

**Project Description:** Organized a series of river clean ups on the Winooski River. In 2002, five clean ups were scheduled for 100 volunteers. 150 tires and over four tons of garbage were removed from the river. Due to an in-kind donation from Casella Waste Management, not all the funds were spent in 2002, so the remaining funds went toward the 2003 and 2004 clean-up events.

#### **Restoration of Riparian Buffer**

**SEP Recipient:** Friends of the Winooski River

**Violator:** Village of Waterbury

**Program:** Wastewater Management

**Summary of Violation:** Violations of 10 V.S.A. §1259(a) – Discharge of sodium hypochlorite into state waters – and 10 V.S.A. §6616 – Release of sodium hypochlorite onto land and surface waters of the state

**Amount:** \$8,500

**Location of SEP:** Waterbury

**Project Completion Confirmed:** 11/08/06

**Project Description:** Planted trees at the confluence of Thatcher Brook and the main stream. The purpose of the planting was restoration of the riparian buffer. A pile of debris from the same area was removed and trees were planted in its place. Friends of the Winooski River also conducted outreach work. They published a landowner edition of their newsletter for informational purposes, and to inform landowners of the potential consequences of their decisions on the river. The newsletter was distributed to landowners adjacent to the Upper Winooski.

#### **Stream Monitoring, Mapping, and Clean-Up**

**SEP Recipient:** Friends of the Winooski River

**Violator:** City of Barre

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharges to waters of the State without a permit; Violations of Discharge Permit #3-1272: Discharges to waters of the State in violation of permit; Failure to maintain waste collection system in good working order.

**Amount:** \$20,000 (plus \$10,000 in kind services)

**Location of SEP:** Barre area

**Project Completion Confirmed:** 07/27/10

**Project Description:** Completed an outfall assessment of outfalls in the Barre area. The outfalls were mapped, water quality monitoring was performed, and the results compiled into an in-depth report. A clean-up event was also organized for the Stevens and Jail Branches of the Winooski River. Over 7 tons of trash was removed. The remaining funds went to follow-up outfall monitoring, a contribution toward a new rain garden on Carrier Street, and a stormwater management plan for the Elementary School. All of these projects involved student education and assistance.

### **Restore Ecological Health of the Wanzer Brook Corridor**

**SEP Recipient:** Town of Fairfield – Boomhower Farm

**Violator:** Jay Peak Resort, Inc.

**Program:** Water Quality

**Summary of Violation:** Violations of Construction Individual Permit #3164-INDC – alteration of stream water basins, cutting and V-notching risers; cutting of buffer; cutting, grubbing and grading prior to approval and continuing after being instructed to cease; failure to install and maintain stabilized construction accesses.

**Amount:** \$28,184

**Location of SEP:** Fairfield

**Project Completion Confirmed:** 05/06/09

**Project Description:** Helped restore the ecological health of the Wanzer Brook, located on the Boomhower Farm in Fairfield. Work included active floodplain reconfiguration, channel armoring, construction of animal crossings and fencing, and establishment of healthy riparian vegetation. 1.5 acres of floodplain excavation by a contractor were funded by this SEP. Other project components were funded by other project partners.

### **Improved River Access**

**SEP Recipient:** George D. Aiken Resource Conservation and Development Council

**Violator:** Town of Bethel

**Program:** Wastewater Management

**Summary of Violation:** Violations of Discharge Permit #3-1280: Condition I.A.1 – E.coli effluent limitation; Condition I.A.2 – Discharging of effluent containing floatable solids; Condition I.D.3 – Failure to collect samples representative of the volume and nature of the monitored discharge; Condition II.J.1 – Failure to maintain the facility in good working condition so as to prevent excessive discharges of pollutants; Condition II.J.2 – Failure to provide adequate operating staff to insurance compliance with Permit.

**Amount:** \$10,000

**Location of SEP:** Bethel

**Project Completion Confirmed:** 10/04/05

**Project Description:** Developed a canoe launch at Peavine Park in Bethel. Prior to the project, people frequently parked in a wellhead protection area and dragged their canoes to the river. The project corrected this by building a new parking area, and providing an efficient streamside launch area. This eliminated traffic in the wellhead protection area, and reduced erosion on the stream bank. In addition, the project involved the building loading and unloading area, as well as post-construction landscaping.

### Purchase of Hazardous Materials Firefighting Equipment & Education

**SEP Recipient:** Brighton Volunteer Fire Department

**Violator:** Ethan Allen Manufacturing Corporation

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-303 – Failure to make hazardous waste determinations; §7-308(b)(2) – Storage for greater than 90 days; §7-308(b)(10)(A,C,D,F) – Inadequacies in hazardous waste training program; §7-309(a) – Failure to operate so as to prevent releases or explosions; §7-310(a)(5) – Satellite accumulation containers not marked as required; §7-310(b(2,3)) and §7-311(f)(1) – Containers in storage areas not marked as required; §7-311(d)(1) – Inaccurate inventory log; §7-710(a)(1) – Failure to retain annual report on file; §7-806(b)(1,5) - Used oil not marked or covered.

**Amount:** \$5,000 (\$25,000 total for 5 recipients)

**Location of SEP:** Brighton

**Project Completion Confirmed:** 9/4/01

**Project Description:** Purchased hoopwound cylinders, radios, gloves and hoods for smoke and hazmat situations.

### Training Program for Ethanol Related Fires

**SEP Recipient:** Essex Fire Department

**Violator:** Wesco, Inc.; Mountain Valley Marketing, Inc.; Premium Petroleum, Inc.; Odessa Corp.; Timberlake Assoc.

**Program:** Waste Management

**Summary of Violation:** Violation of Air Pollution Control Regulations (APCR) § 5-253.7(c)(1): Failure to install Stage II vapor recovery system. Transfer of gasoline to motor vehicles after December 31, 2000, without first installing and properly using a Stage II vapor recovery system; APCR § 5-253.7(e)(l)(iii): Failure to test Stage II vapor recovery systems; APCR §5-253.5(c)(1) Failure to use submerged fill (i.e., install drop tubes) in two underground storage tanks (UST); VHWMR § 7-306(c) (1) (C) (iii): failure of a conditionally exempt generator to properly label hazardous waste containers; VHWMR § 7-306(c)(l)(D): failure of a conditionally exempt generator to satisfy the short term storage standards set forth in § 7-311 (a)(l, 2, 4, 5); VHWMR § 7-307(c)(2): failure of a small quantity generator to transport hazardous waste off site within 180 days; VHWMR § 7-310(a)(3,5): regulations concerning accumulation of hazardous waste by a small quantity generator at the location where it is generated ("satellite accumulation"): (3) failure to locate containers holding satellite accumulation of hazardous waste within a structure that sheds rain and snow and upon an impervious surface; (5) failure to mark containers holding satellite accumulation of hazardous waste with the words "Hazardous Waste"; VHWMR §7-311(a)(1, 2, 4 and 5): (1) failure to store hazardous waste on an impervious surface. (2) failure to place hazardous waste containers, stored outdoors, within a structure that sheds rain and snow. (4) failure to employ mechanical or physical means to prevent freezing and expansion of hazardous wastes stored out-of-doors. (5) failure of a small quantity generator to keep required spill and fire control equipment in the immediate vicinity of a short-term storage area; VHWMR § 7-311(b)(2): failure of a small quantity generator to store hazardous waste such that required labeling is visible; VHWMR § 7-311 (f)(l): failure of a small quantity generator to properly mark hazardous waste containers with the generator's name, address, EPA identification number, the waste codes, and the date when the container was first used to accumulate waste.

**Amount:** \$2,500

**Location of SEP:** Essex

**Project Completion Confirmed:** 10/25/10

**Project Description:** The Fire Department used the funds for a training program for Ethanol related fires.

### Wetland Restoration

**SEP Recipient:** Friends of the Mad River

**Violator:** Charles Hosford

**Program:** Water Quality

**Summary of Violation:** Violation of Vermont Wetlands Rule §6.3 and §8 – Draining, dredging, and filling-in a Class Two wetland and its 50-foot buffer zone without first obtaining a Conditional Use Determination; 10 V.S.A. §1259(a) – Discharge to waters of the state without a permit.

**Amount:** \$2,250

**Location of SEP:** Waitsfield

**Project Completion Confirmed:** 11/3/10

**Project Description:** Wetland restoration and habitat enhancement project around the town pond in Waitsfield. The Mad River Path Association and the SEP recipient planted wetland vegetation on the south, east, and southwest edges of the town pond to increase the functioning of the wetlands. The planting plan was created in consultation with a professional ecologist, and the plants were procured from a local native nursery. Approximately 1,500 sq. ft. were planted. In addition, a sign was installed along the adjacent Mad River Path to educate members of the public about the restoration project.

### **Bucklin Trail Reconstruction**

**SEP Recipient:** Green Mountain Club, Inc.

**Violator:** Rome Family Corporation and Killington, Ltd.

**Program:** Wastewater Management

**Summary of Violation:** Violation of Environmental Protection Rule §1-403 – Failure to have complying and permitted water/wastewater systems; Failure to Obtain Act 250 permit prior to the start of operations.

**Amount:** \$12,500

**Location of SEP:** Mendon/Killington area

**Project Completion Confirmed:** 04/28/03

**Project Description:** Helped remedy the damaging effects caused by ATV use to the Bucklin Trail. Excavator work was performed to render the trail inaccessible to motorized recreation equipment. Trail reconstruction was performed on the upper Bucklin Trail to repair the ATV damage.

### **Environmental Learning for the Future (ELF)**

**SEP Recipient:** Greensboro Elementary School ELF Program

**Violator:** Greensboro Fire District #1

**Program:** Water Supply

**Summary of Violation:** Violations of Vermont Water Supply Rules: 21-6 Appendix A, part 3 – Failure to comply with a temporary operating permit schedule for the development of a sufficient approved source to meet system demands; 21-0 §9.1.2 – Failure to submit monthly reports; 21-6 §6.2 – Failure to provide filtration and disinfection or obtain a waiver for the use of surface water on a regular basis.

**Amount:** \$1,500

**Location of SEP:** Greensboro

**Project Completion Confirmed:** 2/6/03

**Project Description:** Funded part of an Environmental Learning for the Future (ELF) program at the Lakeview Union School. The program includes presentations on environmental topic, and outdoor education in the school surroundings. A highlight of the program was “Keeping Track” classes, where the students learned about animal tracks. The program coordinates with the Vermont Institute of Natural Science (VINS) in Woodstock.

### **Milfoil Prevention Study**

**SEP Recipient:** Town of Greensboro

**Violator:** Greensboro Fire District #1

**Program:** Water Supply

**Summary of Violation:** Violations of Vermont Water Supply Rules: 21-6 Appendix A, part 3 – Failure to comply with a temporary operating permit schedule for the development of a sufficient approved source to meet system demands; 21-0 §9.1.2 – Failure to submit monthly reports; 21-6 §6.2 – Failure to provide filtration and disinfection or obtain a waiver for the use of surface water on a regular basis.

**Amount:** \$1,500

**Location of SEP:** Greensboro

**Project Completion Confirmed:** 04/04/03

**Project Description:** Implemented an Aquatic Nuisances Prevention Program for a local lake: Caspian Lake. Eurasian Watermilfoil, an invasive species, had become infested in Greensboro. The plan involved public education, hiring of staff to monitor the boat access area, and shoreline surveys for aquatic nuisances. The SEP funding particularly went to the purchase of snorkeling gear and other survey equipment.

#### **Publicity for Green Up Day 2001**

**SEP Recipient:** Green Up Vermont

**Violator:** James Cloud

**Program:** Solid Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6607a(a) – Transporting solid waste without a permit; Violation of Vermont Solid Waste Management Rules §6-302(c) – Disposal of solid waste outside a certified facility.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 06/20/01

**Project Description:** Helped fund Green Up Day radio campaign.

#### **Publicity for Green Up Day 2001**

**SEP Recipient:** Green Up Vermont

**Violator:** A.B.L.E. Waste Management

**Program:** Solid Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6607a(a) – Transporting solid waste without a permit.

**Amount:** \$300

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 06/20/01

**Project Description:** Helped fund Green Up Day radio campaign.

#### **Publicity for Green Up Day 2001**

**SEP Recipient:** Green Up Vermont

**Violator:** Newhall Farms, Ltd.

**Program:** Solid Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6605(a) – Operating a solid waste facility without a permit; Violation of 10 V.S.A. §6607a(a) – Transporting solid waste without a permit.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 06/20/01

**Project Description:** Helped fund Green Up Day radio campaign.

### Publicity for Green Up Day 2002

**SEP Recipient:** Green Up Vermont

**Violator:** Millard Wiltshire

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Solid Waste Management Rules §6-302(c) – Disposal of solid waste outside a certified facility.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 09/26/02

**Project Description:** Helped fund Green Up Day radio campaign.

### Publicity for Green Up Day 2002

**SEP Recipient:** Green Up Vermont

**Violator:** Frederick Pettersen

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Solid Waste Management Rules §6-302(c) – Disposal of solid waste outside a certified facility.

**Amount:** \$200

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 09/26/02

**Project Description:** Helped fund Green Up Day radio campaign.

### Publicity for Green Up Day 2002

**SEP Recipient:** Green Up Vermont

**Violator:** Thomas J. Vernazza

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Solid Waste Management Rules §6-302(c) – Disposal of solid waste outside a certified facility.

**Amount:** \$300

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 09/26/02

**Project Description:** Helped fund Green Up Day radio campaign.

### Fire Department Hazardous Materials Clean-Up

**SEP Recipient:** Guilford Volunteer Fire Department

**Violator:** March Construction

**Program:** Air Pollution

**Summary of Violation:** Violation of Vermont Air Pollution Control Regulations § 5-201 – Open burning of unpermitted material; Violation of Vermont Solid Waste Management Regulations § 6-302(d) – Disposal of waste outside a certified facility; Violation of 10 V.S.A. § 6607(a) – Transportation of solid waste without a permit.

**Amount:** \$1,500

**Location of SEP:** Guilford

**Project Completion Confirmed:** 8/25/10

**Project Description:** Purchased clean-up materials and supplies used to clean up diesel spills at roadway incidents.

### **Funding of Town Green Up Day Expenses**

**SEP Recipient:** Town of Cabot

**Violator:** William Walters

**Program:** Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6605(a) – Operating a solid waste facility without a permit; Violation of Vermont Solid Waste Management Rules §6-302(c) – Disposal of solid waste outside a certified facility; Violation of Air Pollution Control Regulation §5-201(1) and (2) – open burning of prohibited materials.

**Amount:** \$750

**Location of SEP:** Cabot

**Project Completion Confirmed:** 08/12/99

**Project Description:** Helped fund the Town of Cabot's Green Up Day and Adopt-a-Site program. Trash hauling and disposal fees made up the bulk of the cost for the event and 462 abandoned tires were disposed of properly.

### **Reconstruction of Sewage & Stormwater Systems at a Mobile Home Park**

**SEP Recipient:** The Housing Foundation, Inc.

**Violator:** Lake Champlain Transportation Co. & The Housing Foundation, Inc.

**Program:** Wastewater Management

**Summary of Violation:** Failure to comply with indirect discharge permit #ID-9-0065-1

**Amount:** \$5,000 (project also had funding from other sources).

**Location of SEP:** Milton

**Project Completion Confirmed:** 01/03/02

**Project Description:** Reconstructed the majority of the sewage collection system at Birchwood Manor Mobile Home Park. Portions of the stormwater drainage system were also reconstructed. This work was necessary as the systems were in dire need of rehabilitation.

### **Aquatic Nuisance Prevention**

**SEP Recipient:** Lake Champlain International, Inc.

**Violator:** Agri-Mark, Inc.

**Program:** Wastewater Management

**Summary of Violation:** Violations of Pretreatment Discharge Permit #3-0401: Condition I.E.6 – Selective reporting of total phosphorus analysis; Condition I.A.1 – Exceedence of phosphorus and BOD effluent limitations; Condition II.A.3 – Failure to properly operate and maintain treatment facility; Condition II.A.3 – Failure to provide certified personnel; Condition II.A.1 – Failure to provide notification of change in discharge.

**Amount:** \$15,000

**Location of SEP:** Colchester, VT

**Project Completion Confirmed:** 07/14/09

**Project Description:** Implemented a public outreach effort aimed at anglers. SEP recipient published a one-page article on spread prevention in their "gazette" newsletter. It also produced a spread prevention public service announcement that aired on three local major network affiliates. Finally, it created a web page dedicated to public information about aquatic nuisance spread prevention. It estimates that hundreds of thousands of citizens were reached with the message.

### **Purchase Supplies for Environmental Studies Classes**

**SEP Recipient:** Leland & Gray Union High School and Middle School

**Violator:** A.S. Clark & Sons



**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1021 – Construction of a rip rap in an area of erosion on the bank of the Smith Brook in Newfane, without the required authorization from the Secretary.

**Amount:** \$1,500

**Location of SEP:** Townshend

**Project Completion Confirmed:** 10/17/05

**Project Description:** Equipment and supplies were purchased for use in environmental studies classes. The focus of the classes included the study of water quality and water testing. This project was part of the school's West River Study project. The purchased supplies included stereomicroscopes, aquatic nets, and wading hip boots. The students learned how to perform several water quality tests, including pH, total phosphate and biological oxygen demand.

#### **Corridor Protection of the West Branch**

**SEP Recipient:** Lamoille County Planning Commission

**Violator:** Town of Stowe

**Program:** Waste Management

**Summary of Violation:** Violation of Solid Waste Management Rule §6-310(b) and Certification #F0209-Condition Y – Failure to submit quarterly reports on time.

**Amount:** \$1,125

**Location of SEP:** Stowe

**Project Completion Confirmed:** 8/17/10

**Project Description:** The funds went toward the completion of the Phase I and Phase II Fluvial Geomorphic Assessments included in the "Corridor Protection of the West Branch" project (in the upper reaches of the West Branch of the Little River). The assessments included the creation of a management plan, and fluvial erosion hazard zoning analysis, as well as public outreach. The results of the assessments were reported to local planning authorities for their future use.

#### **Purchase Supplies for Environmental Studies Classes**

**SEP Recipient:** Leland & Gray Union High School and Middle School

**Violator:** Graham Gordon

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1021 – Failure to abide by the terms of Stream Alteration Permit #SA-1-0516

**Amount:** \$750

**Location of SEP:** Townshend

**Project Completion Confirmed:** 10/17/05

**Project Description:** Equipment and supplies were purchased for use in environmental studies classes. The focus of the classes included the study of water quality and water testing. This project was part of the school's West River Study project. The purchased supplies included stereomicroscopes, aquatic nets, and wading hip boots. The students learned how to perform several water quality tests, including pH, total phosphate and biological oxygen demand.

#### **Volunteer Water Monitoring in the LaPlatte and Munroe Brook Watersheds**

**SEP Recipient:** Lewis Creek Association

**Violator:** Town of Shelburne

**Program:** Wastewater Management

**Summary of Violation:** Violation of 10 V.S.A. § 1259(a) – Discharge to state waters without a permit; Violations of Discharge Permit #3-1304: Condition II.A.5 – bypass of sewage from collection system to state waters; Condition II.A.3.a. – Failure to maintain collection system in good working order and operate all facilities efficiently; Condition II.A.3.b – Failure to maintain adequate operating staff.

**Amount:** \$8,476

**Location of SEP:** Hinesburg, Charlotte, Shelburne

**Project Completion Confirmed:** 07/01/08

**Project Description:** The SEP recipient has ongoing water quality monitoring projects in the LaPlatte and Munroe Brook watersheds. This project helped cover the costs of reporting, supplies, equipment, and transportation required to continue laboratory analysis. A total of 31 stations were monitored for water quality (20 in the LaPlatte watershed, and 11 in the Munroe Brook watershed). Sampling, analysis, and interpretation were performed by students and volunteers.

### **Continued Volunteer Water Quality Monitoring in the LaPlatte and Munroe Brook Watersheds**

**SEP Recipient:** Lewis Creek Association

**Violator:** Town of Shelburne

**Program:** Wastewater Management

**Summary of Violation:** Violation of 10 V.S.A. § 1259(a) – Discharge to state waters without a permit; Violations of Discharge Permit #3-1304: Condition II.A.5 – bypass of sewage from collection system to state waters; Condition II.A.3.a. – Failure to maintain collection system in good working order and operate all facilities efficiently; Condition II.A.3.b – Failure to maintain adequate operating staff.

**Amount:** \$7,827.75

**Location of SEP:** Hinesburg, Charlotte, and Shelburne

**Project Completion Confirmed:** 06/22/10

**Project Description:** The SEP recipient has ongoing water quality monitoring projects in the LaPlatte and Munroe Brook watersheds. This project helped to cover the costs of reporting, supplies, equipment, and transportation required to continue laboratory analysis. A total of 31 stations were monitored for water quality (20 in the LaPlatte watershed, and 11 in the Munroe Brook watershed). Sampling, analysis, and interpretation were performed by students and volunteers.

### **Purchase of Hazardous Materials Firefighting Equipment & Education**

**SEP Recipient:** Lyndon Institute

**Violator:** Ethan Allen Manufacturing Corporation

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-303 – Failure to make hazardous waste determinations; §7-308(b)(2) – Storage for greater than 90 days; §7-308(b)(10)(A,C,D,F) – Inadequacies in hazardous waste training program; §7-309(a) – Failure to operate so as to prevent releases or explosions; §7-310(a)(5) – Satellite accumulation containers not marked as required; §7-310(b(2,3)) and §7-311(f)(1) – Containers in storage areas not marked as required; §7-311(d)(1) – Inaccurate inventory log; §7-710(a)(1) – Failure to retain annual report on file; §7-806(b)(1,5) - Used oil not marked or covered.

**Amount:** \$5,000 (\$25,000 total for 5 recipients)

**Location of SEP:** Lyndon

**Project Completion Confirmed:** 8/23/01

**Project Description:** Science education at Lyndon Institute: students were educated on the proper use and disposal of hazardous waste and staff members underwent training on the reduction of hazardous materials used in the Institute's education programs.

#### **Purchase of Hazardous Materials Firefighting Equipment & Education**

**SEP Recipient:** Lyndonville Fire Department

**Violator:** Ethan Allen Manufacturing Corporation

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-303 – Failure to make hazardous waste determinations; §7-308(b)(2) – Storage for greater than 90 days; §7-308(b)(10)(A,C,D,F) – Inadequacies in hazardous waste training program; §7-309(a) – Failure to operate so as to prevent releases or explosions; §7-310(a)(5) – Satellite accumulation containers not marked as required; §7-310(b(2,3)) and §7-311(f)(1) – Containers in storage areas not marked as required; §7-311(d)(1) – Inaccurate inventory log; §7-710(a)(1) – Failure to retain annual report on file; §7-806(b)(1,5) - Used oil not marked or covered.

**Amount:** \$5,000 (\$25,000 total for 5 recipients)

**Location of SEP:** Lyndonville

**Project Completion Confirmed:** 8/27/01

**Project Description:** Purchased safety kits, spill kits, sensors for a gas detector, hazmat flashlights, carbon monoxide detectors and other hazmat items.

#### **2007 Program of Education and Water Monitoring**

**SEP Recipient:** Missisquoi River Basin Association

**Violator:** Jay Peak Resort, Inc.

**Program:** Water Quality

**Summary of Violation:** Violation of Air Pollution Control Regulations §5-201 – Open burning; ID-9-0120 Condition E2 – Failure to collect, record, and report required wastewater data; CIP #3164-INDC – Wetland intrusion; 10 V.S.A. §1059(a) – Improper pond drawdown; CGP 3978-9015 – Working outside boardwalk area contrary to winter CGP.

**Amount:** \$16,000

**Location of SEP:** Highgate Springs, North Troy, Franklin, Montgomery, Richford

**Project Completion Confirmed:** 07/07/08

**Project Description:** Carried out six educational “workdays,” during which over 1,000 trees were planted over 9 acres in several different towns. Water samples were collected at 20 sites on 12 occasions, and the results presented to the public. The recipient was also able to lend educational tools to seven area teachers. 12 schools (426 students) participated in the “bugworks” program run by the recipient. As a result of these various programs, several newspapers ran stories on the bugworks program and the water monitoring.

#### **2008 Program of Education and Water Monitoring**

**SEP Recipient:** Missisquoi River Basin Association

**Violator:** Jay Peak Resort, Inc.

**Program:** Water Quality

**Summary of Violation:** Violations of Construction Individual Permit #3164-INDC – alteration of stream water basins, cutting and V-notching risers; cutting of buffer; cutting, grubbing and grading prior to approval and continuing after being instructed to cease; failure to install and maintain stabilized construction accesses.

**Amount:** \$14,316

**Location of SEP:** Highgate, Swanton, North Troy

**Project Completion Confirmed:** 07/01/09

**Project Description:** Hosted eight educational workdays which included reshaping a culvert basin, interseeding a cornfield to reduce erosion, and planting many trees as an erosion buffer. Water samples were collected at 21 sites on 12 occasions, and the results presented to the public. The recipient was also able to lend educational tools to eight area teachers. 16 schools (226 students) participated in the “bugworks” program run by the recipient.

### **Interpretive Recreation Path along the North Branch River**

**SEP Recipient:** Montpelier Bike Path Committee and Parks Commission

**Violator:** Buildings and General Services

**Program:** Water Quality

**Summary of Violation:** 10 V.S.A. §905(b) and Vermont Wetlands Rules §6.3 and §8 – Excavating, clearing, and placing fill in a Class II wetland without a Conditional Use Determination; Failure to obtain an Act 250 land use permit.

**Amount:** \$6,500

**Location of SEP:** Montpelier

**Project Completion Confirmed:** 06/02/08

**Project Description:** Partially funded the purchase of a parcel of land in Montpelier. The land was then used to extend an existing recreational path along the North Branch River. With this purchase, the recreational path grew significantly. Volunteers were used to create and mark the trail, and to build wooden bridges at stream crossings. The property included a wetlands area, which was marked with educational signage.

### **Foam Equipment and Training**

**SEP Recipient:** Montpelier Fire/Ambulance Department

**Violator:** Wesco, Inc.; Mountain Valley Marketing, Inc.; Premium Petroleum, Inc.; Odessa Corp.; Timberlake Assoc.

**Program:** Waste Management

**Summary of Violation:** Violation of Air Pollution Control Regulations (APCR) § 5-253.7(c)(1): Failure to install Stage II vapor recovery system. Transfer of gasoline to motor vehicles after December 31, 2000, without first installing and properly using a Stage II vapor recovery system; APCR § 5-253.7(e)(I)(iii): Failure to test Stage II vapor recovery systems; APCR §5-253.5(c)(1) Failure to use submerged fill (i.e., install drop tubes) in two underground storage tanks (UST); VHWMR § 7-306(c) (1) (C) (iii): failure of a conditionally exempt generator to properly label hazardous waste containers; VHWMR § 7-306(c)(I)(D): failure of a conditionally exempt generator to satisfy the short term storage standards set forth in § 7-311 (a)(l, 2, 4, 5); VHWMR § 7-307(c)(2): failure of a small quantity generator to transport hazardous waste off site within 180 days; VHWMR § 7-310(a)(3,5): regulations concerning accumulation of hazardous waste by a small quantity generator at the location where it is generated ("satellite accumulation"): (3) failure to locate containers holding satellite accumulation of hazardous waste within a structure that sheds rain and snow and upon an impervious surface; (5) failure to mark containers holding satellite accumulation of hazardous waste with the words "Hazardous Waste"; VHWMR §7-311(a)(1, 2, 4 and 5): (1) failure to store hazardous waste on an impervious surface. (2) failure to place hazardous waste containers, stored outdoors, within a structure that sheds rain and snow. (4) failure to employ mechanical or physical means to prevent freezing and expansion of hazardous wastes stored out-of-doors. (5) failure of a small quantity generator to keep required spill and fire control equipment in the immediate vicinity of a short-term storage area; VHWMR § 7-311(b)(2): failure of a small quantity generator to store hazardous waste such that required labeling is visible; VHWMR § 7-311 (f)(l): failure of a small quantity generator to properly mark hazardous waste containers with the generator's name, address, EPA identification number, the waste codes, and the date when the container was first used to accumulate waste.

**Amount:** \$2,500

**Location of SEP:** Montpelier

**Project Completion Date:** 12/05/08

**Project Description:** Purchased equipment and supplies for use in Ethanol emergencies. The supplies include a foam nozzle, a foam applicator pack, and alcohol resistant foam. A training program for the nozzle was also purchased and used.

#### **Site Work at Shelburne Pond**

**SEP Recipient:** The Nature Conservancy

**Violator:** Town of Shelburne

**Program:** Wastewater Management

**Summary of Violation:** Violation of 10 V.S.A. § 1259(a) – Discharge to state waters without a permit; Violations of Discharge Permit #3-1304: Condition II.A.5 – bypass of sewage from collection system to state waters; Condition II.A.3.a. – Failure to maintain collection system in good working order and operate all facilities efficiently; Condition II.A.3.b – Failure to maintain adequate operating staff.

**Amount:** \$9,053.67

**Location of SEP:** Shelburne

**Project Completion Confirmed:** 12/30/07

**Project Description:** Wetland improvement projects at three separate locations. First, the SEP recipient and volunteers restored a half-acre of shoreline by planting native trees and shrubs in a fifty-foot shoreline buffer zone. Second, many volunteers worked with the SEP recipient to restore 2.3 acres of shoreline by planting more native shrubs in a fifty-foot vegetated buffer zone. Both of these projects worked to protect the shoreline from erosion and contaminated run-off. The third project involved the rehabilitation of one-mile of walking trail, to prevent erosion. The crew from the Vermont Youth Conservation Corps built steps, re-routed a section of the trail that was too close to the shoreline, and disguised unofficial trails that were creating soil erosion problems. All three of these projects will protect the local wetland area and pond from sedimentation.

#### **Educational Program Centered on the Connecticut River Watershed**

**SEP Recipient:** The Nature Museum at Grafton

**Violator:** The Windham Foundation, Inc.

**Program:** Wastewater Management

**Summary of Violation:** Failure to comply with indirect discharge permit #ID-9-0055-3A

**Amount:** \$2,500

**Location of SEP:** Grafton

**Project Completion Confirmed:** 12/01/01

**Project Description:** Purchased watershed teaching models used for demonstration purposes during an annual “Watershed Program” at four schools. The program aimed at building a personal sense of environmental responsibility in the students and focused on the Connecticut River Watershed and on the interdependence of land uses. Additional supplies were purchased, including educational videos and microscope supplies.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** M.A.M., L.L.C.

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-6 – Failure to conduct required water quality monitoring.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** T.N. Associates, Inc.

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice regarding a failure to monitor coliform in response to an NOAV and pursuant to a Temporary Operating Permit.

**Amount:** \$1,500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** St. Johnsbury Fire District #1

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$1,500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Bradford Village Water System

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$2,620

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Leisure Living Parks, Inc.

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$8,325

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Alpine Meadows

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations.

**Amount:** \$500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Fairfax Heights Water Co.

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Thomas D. Burns

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-16 – Failure to recommend or install optimal corrosion control treatment for lead or copper within 24 months of the State designated or approved treatment; Failure to submit a source protection plan.

**Amount:** \$2,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 04/14/03

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Hemlock Ridge at Killington Owners Assn. Inc.

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$1,500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Sugar Run Association

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring; 21-9 – Failure to submit monthly reports

**Amount:** \$4,000



**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Waterville Water Coop

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-16 – Failure to recommend or install optimal corrosion control treatment for lead or copper within 24 months of the State designated or approved treatment; 21-7 - Failure to submit a source protection plan. 21-10 – Failure to issue a public notice of violations; 21-9 – Failure to submit monthly reports

**Amount:** \$500

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **On-Line Forum and Computer Resource Pilot Project**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Brookside Mobile Home Park

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 08/07/02

**Project Description:** Created an on-line forum for Vermont small water system owners and operators. The forum allows operators to ask questions of their peers. A computer resource pilot project was also implemented. This project provided new computers, software, and training to a small group of operators. Now that they have computers and industry-relevant software, the operators will be able to plan better for their daily functions and for the long-term.

#### **Security Upgrades for Many Vermont Water Systems**

**SEP Recipient:** Northeast Rural Water Association (NRWA)

**Violator:** RMC Mobile Home Park

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule Appendix A, Part 3 – Connecting to an Unapproved

Source.

**Amount:** \$4,000 (plus additional funding from EPA)

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 11/12/03

**Project Description:** Funded security upgrades to several Vermont water systems to prevent public access to the water supply for safety reasons. With additional funding from the EPA, two sub-programs were administered. The first was a free locks, signs, and information campaign which resulted in increased awareness. The second program involved security mini-grants to ten systems which NRWA worked with to design, purchase, and implement the improvements.

### **Security Upgrades for Many Vermont Water Systems**

**SEP Recipient:** Northeast Rural Water Association

**Violator:** Spencer Water company

**Program:** Water Supply

**Summary of Violation:** Violation of 10 V.S.A. §1676 and Vermont Water Supply Rule (VWSR) 21-6 – Failure to comply with Temporary Operating Permit (TOP) setting forth a schedule for the development of a sufficient approved source, or to install approved filtration and disinfection system; Failure to submit microscopic particulate analysis results on time; TOP Section IV.4.A – Failure to submit monthly monitoring reports; VWSR 21-7 – Failure to submit an operation and maintenance manual.

**Amount:** \$1,000 (plus additional funding from EPA)

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 11/12/03

**Project Description:** Funded security upgrades to several Vermont water systems to prevent public access to the water supply for safety reasons. With additional funding from the EPA, two sub-programs were administered. The first was a free locks, signs, and information campaign which resulted in increased awareness. The second program involved security mini-grants to one more systems (10 had been previously funded). The SEP recipient also worked with this system to design, purchase, and implement the improvements.

### **Training Workshops on Water Quality and Stormwater Management**

**SEP Recipient:** Northwest Regional Planning Commission

**Violator:** Jay Peak Resort, Inc.

**Program:** Water Quality

**Summary of Violation:** Violations of Construction Individual Permit #3164-INDC – alteration of stream water basins, cutting and V-notching risers; cutting of buffer; cutting, grubbing and grading prior to approval and continuing after being instructed to cease; failure to install and maintain stabilized construction accesses.

**Amount:** \$2,500

**Location of SEP:** Swanton and St. Albans

**Project Completion Confirmed:** 07/21/08

**Project Description:** Held two workshops in Northwestern Vermont regarding stormwater management. The first, "Getting Credit for Good Design" focused on design and construction professionals and stormwater management and was attended by 35 people. Technical information and training regarding best management practices and state law was provided. The second workshop, "Dodging Disaster: Preventing Erosion and Flood Damage in Road Construction and Maintenance" focused on the issue related to road construction and maintenance and was attended by 15 municipal officials. Excellent feedback from both workshops was received.

### **“Better Backroads”**

**SEP Recipient:** Northern Vermont Resource Conservation

**Violator:** Jay Peak Resort, Inc.

**Program:** Water Quality

**Summary of Violation:** Violations of Construction Individual Permit #3164-INDC – alteration of stream water basins, cutting and V-notching risers; cutting of buffer; cutting, grubbing and grading prior to approval and continuing after being instructed to cease; failure to install and maintain stabilized construction accesses.

**Amount:** \$15,000

**Location of SEP:** Fairfield and Sheldon

**Project Completion Confirmed:** 02/13/09

**Project Description:** This project was completed in conjunction with the Better Backroads program. That program provides cost effective techniques and actions that can be used to enhance the maintenance of backroads, while improving the quality of Vermont water by preventing sedimentation nutrient loss. Road-related erosion problems in Fairfield and Sheldon were corrected. In Fairfield, the project improved an eroding ditch line on a steep road one-quarter of a mile from the River. In Sheldon, an eroding ditch line on a steep road near the Missisquoi River was repaired. Both projects resulted in reduced sedimentation.

### **Oil Collection System**

**SEP Recipient:** Northwest Vermont Solid Waste Management District

**Violator:** Blair Trucking

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-406 – Transport of hazardous waste without a permit; §7-810(c) and §7-806(b)(5) – Failure to properly label used oil containers; §7-810(c) and §7-806(b)(6) and (7) – Failure to properly store used oil containers; §7-810(c)(1) and §7-807(c)(1) – Aboveground storage of over 1320 gal of used oil; §7-810(c)(3) and §7-812(a)(2)(D) – Failure to demonstrate, prior to burning, that oil meets required specifications; §7-811(b)(5) – Failure to determine total halogen content of used oil.

**Amount:** \$1,000

**Location of SEP:** Alburg

**Project Completion Confirmed:** 01/23/02

**Project Description:** Created an oil collection system at the Alburg Transfer Station. In order to construct the system, the funds were used to purchase a 500 gallon oil tank and a concrete containment sump. The project also had an educational aspect: the public was informed about proper oil management through brochures and flyers.

### **Purchase of Hazardous Materials Firefighting Equipment & Education**

**SEP Recipient:** Orleans Fire Department

**Violator:** Ethan Allen Manufacturing Corporation

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-303 – Failure to make hazardous waste determinations; §7-308(b)(2) – Storage for greater than 90 days; §7-308(b)(10)(A,C,D,F) – Inadequacies in hazardous waste training program; §7-309(a) – Failure to operate so as to prevent releases or explosions; §7-310(a)(5) – Satellite accumulation containers not marked as required; §7-310(b(2,3)) and §7-311(f)(1) – Containers in storage areas not marked as required; §7-311(d)(1) – Inaccurate inventory log; §7-710(a)(1) – Failure to retain annual report on file; §7-806(b)(1,5) - Used oil not marked or covered.

**Amount:** \$5,000 (\$25,000 total for 5 recipients)

**Location of SEP:** Orleans

**Project Completion Confirmed:** 9/3/02

**Project Description:** Purchased protective jackets and pants, which can be used in hazmat situations.

#### **Settling Basin Construction**

**SEP Recipient:** Poultney Mettowee Watershed Partnership

**Violator:** Town of Pawlet

**Program:** Waste Management

**Summary of Violation:** Violation of Solid Waste Certification Condition 23 – Failure to cap and close the landfill within 90 days of ceasing operation.

**Amount:** \$3,000

**Location of SEP:** Castleton and Pawlet

**Project Completion Confirmed:** 06/18/01

**Project Description:** Installed precast concrete sediment collector structures in local highway ditches. The structures capture sediment, reducing sediment migration and allowing for its reuse. The funds also supported local road crewmembers' participation in a demonstration and training on the use of the structures. The participants reported that they had learned about some of the difficulties associated with the installation and use of these structures, which will help them in the future.

#### **Expansion of the Air Vermont Program**

**SEP Recipient:** Quebec-Labrador Foundation (QLF) / Atlantic Center for the Environment

**Violator:** Northern State Correctional Facility

**Program:** Air Pollution

**Summary of Violation:** Violations of Air Pollution Control Regulations §5-802 – Failure to register air contaminant source with Secretary and pay fee; §5-1005(a) – Failure to submit an operating permit application on time; Violation of Air Pollution Control Permit #AP-91-007a: §1(b) – Failure to equip spray finishing booth with adequate particulate filters; §4(g) – Failure to equip spray finishing booth with vertical stack of proper height; §7(c) – Failure to maintain records of the annual use of finish coatings.

**Amount:** \$3,600

**Location of SEP:** Newport and Craftsbury

**Project Completion Confirmed:** 03/10/03

**Project Description:** Expanded the "Air Vermont" education program to two new schools in the Northeast Kingdom. The program focuses on air quality monitoring, concerns, and the responsible use of air as a resources. Students were taken to Island Pond to collect data from a weekend snowmobile event.

#### **Purchase of Hazardous Materials Firefighting Equipment & Education**

**SEP Recipient:** Randolph Village Fire Department

**Violator:** Ethan Allen Manufacturing Corporation

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-303 – Failure to make hazardous waste determinations; §7-308(b)(2) – Storage for greater than 90 days; §7-308(b)(10)(A,C,D,F) – Inadequacies in hazardous waste training program; §7-309(a) – Failure to operate so as to prevent releases or explosions; §7-310(a)(5) – Satellite accumulation containers not marked as required; §7-310(b(2,3)) and §7-311(f)(1) – Containers in storage areas not marked as required; §7-311(d)(1) – Inaccurate inventory log; §7-710(a)(1) – Failure to retain annual report on file; §7-806(b)(1,5) - Used oil not marked or covered.

**Amount:** \$5,000 (\$25,000 total for 5 recipients)

**Location of SEP:** Randolph

**Project Completion Confirmed:** 8/8/02

**Project Description:** Purchased absorbent materials for use in hazmat emergencies, as well as training tapes and workbooks for all members.

### **Revolving Fund for Computer Recycling**

**SEP Recipient:** Restore Resources Unlimited

**Violator:** Mack Molding Co.

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-202(b)(2-3) – Failure to make hazardous waste determinations; §7-308(b)(9)(A,B,D) – Failure to maintain an adequate contingency plan; §7-308(b)(10)(A,B,C,E,F) – Failure to maintain adequate personnel training program; §7-310(a)(4-5,7-8) – Failure to properly mark or manage satellite containers; §7-311(d)(1) – Failure to maintain an accurate inventory log; §7-311(d)(2) – Missed daily inspections; §7-311(f)(1) – Failure to mark containers in storage areas as required; §7-702(b)(4,5,6,11) – Failure to file and submit manifests; §7-702(b)(1,5) – Failure to mark or cover used oil.

**Amount:** \$7,000

**Location of SEP:** Montpelier

**Project Completion Confirmed:** 06/26/02

**Project Description:** Expanded the infrastructure available in central Vermont for handling end-of-life electronics. The SEP recipient, and its sister company The Computer Barn, worked to redistribute computer units that could be rebuilt for a “second life.” A substantial environmental benefit of the program has been the reduction of electronic waste going into landfills. In particular, CRTs potentially contain hazardous elements that cannot go into landfills – this program provides an alternative. Over 15 tons of computer components and printers were diverted from landfills over the course of the one-year grant period.

### **Ornamental Tree/ Conservation Nursery**

**SEP Recipient:** River Valley Technical Center

**Violator:** Johnson & Dix Oil and Propane

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Tank Storage Regulations: §8-504 – Failure to conduct release detection monitoring; §8-602 – Failure to report a confirmed release in a timely manner; Air Pollution Control Regulations: §5-253.5 – Failure to install drop tubes in Stage I vapor recovery; §5-253.7 – Failure to timely install Stage II vapor recovery.

**Amount:** \$4,500

**Location of SEP:** Springfield

**Project Completion Confirmed:** 10/20/03

**Project Description:** Developed an ornamental tree and conservation nursery. Specifically, nursery stock, irrigation, equipment, and fencing were purchased. Other funding sources helped with construction of a nearby building and a storage-shed. Conservation species, forest tree stock and ornamental trees were all planted, with the hope that they can be available at little or no cost to community groups for use in community green spaces and along streets. The project also helped fund a land purchase.

### **Hazardous Materials Equipment and Training for Firefighters**

**SEP Recipient:** Rutland City Fire Department

**Violator:** Midway Oil Corp.

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Underground Storage Regulations: §8-504 – Failure to properly conduct release detection; §8-602 and §8-603 – Failure to promptly report and investigate a suspected release.

**Amount:** \$4,500

**Location of SEP:** Rutland

**Project Completion Confirmed:** 10/27/03

**Project Description:** Conducted hazardous material training, purchased foam and foam application equipment and other spill control materials.

#### **Tested & Calibrated Metering Equipment and Purchased Supplies**

**SEP Recipient:** South Burlington Fire Department

**Violator:** Wesco, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Storage Tank Regulation § 8-604(5) – Failure to perform necessary site investigation; Violation of 10 V.S.A. § 6616 – Release of hazardous materials; Violation of Vermont Hazardous Waste Management Rule § 7-105(2) – Failure to report release of hazardous materials.

**Amount:** \$1,000

**Location of SEP:** South Burlington

**Project Completion Confirmed:** 1/4/00

**Project Description:** Sent metering equipment away for testing and calibration and purchased spill control supplies.

#### **Computer Technology Designed to Aid in Hazardous Materials Emergencies**

**SEP Recipient:** South Burlington Fire Department

**Violator:** Wesco, Inc.; Mountain Valley Marketing, Inc.; Premium Petroleum, Inc.; Odessa Corp.; Timberlake Assoc.

**Program:** Waste Management

**Summary of Violation:** Violation of Air Pollution Control Regulations (APCR) § 5-253.7(c)(1): Failure to install Stage II vapor recovery system. Transfer of gasoline to motor vehicles after December 31, 2000, without first installing and properly using a Stage II vapor recovery system; APCR § 5-253.7(e)(l)(iii): Failure to test Stage II vapor recovery systems; APCR § 5-253.5(c)(1) Failure to use submerged fill (i.e., install drop tubes) in two underground storage tanks (UST); VHWMR § 7-306(c) (1) (C) (iii): failure of a conditionally exempt generator to properly label hazardous waste containers; VHWMR § 7-306(c)(l)(D): failure of a conditionally exempt generator to satisfy the short term storage standards set forth in § 7-311 (a)(l, 2, 4, 5); VHWMR § 7-307(c)(2): failure of a small quantity generator to transport hazardous waste off site within 180 days; VHWMR § 7-310(a)(3,5): regulations concerning accumulation of hazardous waste by a small quantity generator at the location where it is generated ("satellite accumulation"): (3) failure to locate containers holding satellite accumulation of hazardous waste within a structure that sheds rain and snow and upon an impervious surface; (5) failure to mark containers holding satellite accumulation of hazardous waste with the words "Hazardous Waste"; VHWMR § 7-311(a)(1, 2, 4 and 5): (1) failure to store hazardous waste on an impervious surface. (2) failure to place hazardous waste containers, stored outdoors, within a structure that sheds rain and snow. (4) failure to employ mechanical or physical means to prevent freezing and expansion of hazardous wastes stored out-of-doors. (5) failure of a small quantity generator to keep required spill and fire control equipment in the immediate vicinity of a short-term storage area; VHWMR § 7-311(b)(2): failure of a small quantity generator to store hazardous waste such that required labeling is visible; VHWMR § 7-311 (f)(l): failure of a small quantity generator to properly mark hazardous waste containers with the generator's name, address, EPA identification number, the waste codes, and the date when the container was first used to accumulate waste.

**Amount:** \$2,500

**Location of SEP:** South Burlington

**Project Completion Date:** 11/8/10

**Project Description:** Purchased computer and software for field use at hazardous materials incidents.

### **Stream Assessment and Monitoring**

**SEP Recipient:** Southern Windsor County Regional Planning Commission

**Violator:** Town of Windsor

**Program:** Waste Management

**Summary of Violation:** Solid Waste Management Certification #F-0102: Condition P – Failure to conduct sampling and analysis of biosolids, soil, plant tissue, and groundwater; Condition X – Failure to submit sampling and monitoring results.

**Amount:** \$4,625

**Location of SEP:** Windsor and West Windsor

**Project Completion Confirmed:** 10/25/04

**Project Description:** Sampled dissolved oxygen, temperature, pH and conductivity on two critical reaches of the Mill Brook. In addition, volunteers were trained to conduct further testing which also acted as a form of public outreach. In addition, an education program at Windsor High School and the Mt. Ascutney School was implemented.

### **Black River Erosion Control/ Bank Stabilization Project**

**SEP Recipient:** Southern Windsor County Regional Planning Commission via Town of Cavendish

**Violator:** George & Diana Davis (Bates Mansion)

**Program:** Wastewater Management

**Summary of Violation:** Violation of 10 V.S.A. §1953 – Construction of a water supply system without a permit and construction or modification of a building or structure which requires connection to the existing wastewater system without a permit; Environmental Protection Rules §1-403 and §1-407 – Modification of an existing disposal system and a building in violation of established construction requirements.

**Amount:** \$2,000

**Location of SEP:** Cavendish

**Project Completion Confirmed:** 8/17/10

**Project Description:** Erosion control and river bank stabilization project on a 365-foot stretch of the northern bank of the Black River. Stabilization of the bank resulted in protection of town water and sewer infrastructure, as well as Vermont state highway infrastructure. Prior to the project, the area was experiencing serious erosion problems, which annual sent tons of soil downstream into State waters.

### **Neotropical Migratory Birds Across The Americas**

**SEP Recipient:** Trust for Wildlife

**Violator:** Town of Bennington

**Program:** Wastewater Management

**Summary of Violation:** Violation of Discharge Permit #3-1261, Section II(K)(3) – Failure to retain records of monitoring activities for three years and make records available to Department representatives.

**Amount:** \$2,000

**Location of SEP:** Southwest Vermont

**Project Completion Confirmed:** 12/30/02

**Project Description:** Purchased field guides, field cards and “flashcards” on flora and fauna for students and teachers at southwest Vermont elementary and middle schools. A web program (neotropicalbirds.org – a field guide) was purchased for use by the students. A presentation on neotropical migratory birds was made at nine schools.

### **Air Bottles for Firefighters in Hazardous Conditions**

**SEP Recipient:** Underhill Jericho Fire Department, Inc.

**Violator:** 3 C's Realty, Clark's Truck Center, and Randall Clark

**Program:** Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §1927(b)(10) – Operation of non-compliant tanks; Violations of Vermont Underground Storage Tank Regulations §8-302(2)(a) – Operation of Category One storage tanks without a permit; §8-502(1)(a) – Operation of motor fuel USTs without spill or overflow protection; §8-503(1) – Operation of USTs without cathodic protection.

**Amount:** \$3,000

**Location of SEP:** Underhill-Jericho

**Project Completion Confirmed:** 03/12/2001

**Project Description:** Purchased five Scott Air Bottles to be used in hazardous material conditions. The air bottles allow firefighters to work safely in such conditions and are an important part of the Fire Department's operating procedures.

### **Drinking Water Week Programs**

**SEP Recipient:** Vermont Drinking Water Week

**Violator:** Green Mountain Valley School

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-10 – Failure to issue a public notice of violations; 21-6 – Failure to conduct water quality monitoring.

**Amount:** \$2,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 11/07/02

**Project Description:** Helped fund the 2002 Vermont Drinking Water Week program. Specifically, posters, equipment for the water fair, and refreshments were purchased for the events. Funds also supported part of the cost of hiring the National Theater for Children to perform each day of Drinking Water Week.

### **Drinking Water Week Programs**

**SEP Recipient:** Vermont Drinking Water Week

**Violator:** Leland & Gray Union High

**Program:** Water Supply

**Summary of Violation:** Violation of Vermont Water Supply Rule 21-16 – Failure to install effective optimal corrosion control treatment for lead or copper within 24 months after the state designated or approved treatment.

**Amount:** \$1,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 06/19/01

**Project Description:** Helped fund the 2001 Vermont Drinking Water Week program. Specifically, the recipient held a poster contest, and purchased equipment and refreshments for a state water fair. In addition, the funds supported part of the cost of hiring the National Theater for Children to perform each day of Drinking Water Week.

### **Ecosystem Monitoring Project at Audubon Camp**

**SEP Recipient:** Vermont Audubon (via Watershed Center and Lake Champlain Basin Program)

**Violator:** Middlebury College



**Program:** Waste Management

**Summary of Violation:** Violation of 10 V.S.A. §6166 – Release of hazardous materials; Violations of Vermont Underground Storage Tank Regulations: §8-302(2)(a) – Failure to obtain a permit for a category I tank; §8-302(2)(c) – failure to notify of the existence of an out-of-service UST; §8-501(1) – Failure to install a method of leak detection; §8-602(3)(a) – Failure to report a suspected UST release; §8-603(1) – Failure to investigate a suspected UST release.

**Amount:** \$6,000

**Location of SEP:** Bristol

**Project Completion Confirmed:** 11/14/99

**Project Description:** Helped fund “TAKE P.A.R.T.,” a Program of Audubon Research for Teens. This is a two week camp program for high school students. The funds specifically helped with an ecosystem monitoring project administered during the camp. A forest inventory and monitoring project was undertaken, in which the students also tested field methods that were planned for a community guidebook. The results of the work the students did were presented in a report by the lead scientist. Feedback from the participants was positive, and Vermont Audubon planned to continue the program in future years.

### Energy Efficiency Education

**SEP Recipient:** Vermont Energy Investment Corp.

**Violator:** S.B. Collins, Inc.

**Program:** Air Pollution

**Summary of Violation:** Violation of the Air Pollution Control Regulations §5-253.7(c)(2)(ii) – Altering or otherwise rendering inoperative any component of a Stage II vapor recovery control system in a manner that would impair the operation or effectiveness of the system.

**Amount:** \$7,000

**Location of SEP:** Vermont-Wide

**Project Completion Confirmed:** 07/08/02

**Project Summary:** Purchased and distributed 300 “Energy Smart” CDs and 150 “Consumer Guide to Home Energy Savings” books. Both are interactive guides to build the awareness of homeowners about energy consumption and energy use reduction. A series of bill inserts with energy tips was created and distributed in Franklin County. Vermont Energy Investment Corp. also had a series of energy awareness booths at local fairs and businesses.

### Handling of End-Of-Life Electronics

**SEP Recipient:** Vermont Retroworks

**Violator:** Mack Molding Company

**Program:** Waste Management

**Summary of Violation:** Violations of Vermont Hazardous Waste Management Regulations: §7-202(b)(2-3) – Failure to make hazardous waste determinations; §7-308(b)(9)(A,B,D) – Failure to maintain an adequate contingency plan; §7-308(b)(10)(A,B,C,E,F) – Failure to maintain adequate personnel training program; §7-310(a)(4-5,7-8) – Failure to properly mark or manage satellite containers; §7-311(d)(1) – Failure to maintain an accurate inventory log; §7-311(d)(2) – Missed daily inspections; §7-311(f)(1) – Failure to mark containers in storage areas as required; §7-702(b)(4,5,6,11) – Failure to file and submit manifests; §7-702(b)(1,5) – Failure to mark or cover used oil.

**Amount:** \$15,500

**Location of SEP:** Middlebury

**Project Completion Confirmed:** 06/26/02

**Project Summary:** The SEP recipient performs large-scale electronics recycling. The funds were used to recycle computer components that could not be reused and had therefore reached the end of their life. The recipient

partnered with Envirocycle, a Pennsylvania recycling company that is environmentally responsible, to recycle monitors, CRTs, televisions, and other components. The recipient was able to expand its acceptance of used electronics as a result of this funding.

#### **Purchase of Land – Buttermilk Falls Conservation Project**

**SEP Recipient:** Vermont River Conservancy

**Violator:** Johnson & Dix Oil and Propane

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Tank Storage Regulations: §8-504 – Failure to conduct release detection monitoring; §8-602 – Failure to report a confirmed release in a timely manner; Air Pollution Control Regulations: §5-253.5 – Failure to install drop tubes in Stage I vapor recovery; §5-253.7 – Failure to timely install Stage II vapor recovery.

**Amount:** \$5,500

**Location of SEP:** Ludlow

**Project Completion Confirmed:** 10/20/03

**Project Description:** Funds helped purchase a 7-acre parcel at Buttermilk Falls in Ludlow. The property possesses important geologic, recreational, and natural area values. The property is also located within a wildlife travel corridor (and is necessary habitat for black bears). The State of Vermont now holds title to the property under a conservation easement. Also helped fund construction of a nursery/garden.

#### **Purchase of Hancock Brook Waterfall and Swimming Hole**

**SEP Recipient:** Vermont River Conservancy

**Violator:** Duane Wells Construction, Inc.

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Unpermitted discharge to state waters.

**Amount:** \$1,000

**Location of SEP:** Worcester

**Project Completion Confirmed:** 02/06/08

**Project Description:** Funds helped acquire a 1.7-acre parcel along the Hancock Brook. This undeveloped land includes the “Upper Pot” swimming hole and waterfall, an important conservation and recreation area. Following acquisition, the property was transferred to the town of Worcester for continued stewardship.

#### **Land Survey and Clean-Up**

**SEP Recipient:** Vermont River Conservancy

**Violator:** Vermont Quarries Corporation

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharge to waters of the state without a permit; Violation of Land Use Permit #2S0826-1 (Act 250).

**Amount:** \$5,500

**Location of SEP:** Clarendon and Reading

**Project Completion Confirmed:** 12/03/07

**Project Description:** Contracted with clean-up crews and land surveyors to complete work on lands owned by the State (Department of Forests, Parks, and Recreation). The two properties (Lower Clarendon Gorge State Forest and the Twenty-Foot Hole State Natural Area) both border rivers and are in important ecological regions. The funding also

paid for signage at the two locations advising visitors of the work, and asking them to carry out their trash and to stay on the trails provided.

#### **Fund Kingsbury Bridge Section of the Mad River Greenway**

**SEP Recipient:** Vermont Youth Conservation Corps.

**Violator:** E.A. Grandfield, Inc.

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharge to waters of the state without a permit.

**Amount:** \$4,500

**Location of SEP:** Warren

**Project Completion Confirmed:** 08/27/02

**Project Description:** The funds went toward construction of a wooden bridge, an information kiosk, and locator signs to help with the Kingsbury Bridge section of the Mad River Greenway. The Kingsbury section was an important step for the entire Mad River Pathway, which will eventually connect the villages of Warren and Waitsfield. The VYCC worked with the Mad River Path Association to accomplish this.

#### **Wetland Education Trail Project**

**SEP Recipients:** Vermont Youth Conservation Corps (VYCC)

**Violator:** Armand Turner, Jr.

**Program:** Water Quality

**Summary of Violation:** Violation of Vermont Wetlands Rule § 6.3 and §8 – Excavating, grading, and placing fill in a Class II wetland and its fifty foot buffer zone without a Conditional Use Determination.

**Amount:** \$1,000

**Location of SEP:** Swanton

**Project Completion Confirmed:** 09/13/05

**Project Description:** The SEP recipient worked with the Mississquoi National Wildlife Refuge to perform trail work as a component of a wetland education trail project. Students were involved through the VYCC, which allowed them to learn about trail management when they worked on two 0.3 mile loops attached to a small trail spur that includes an observation platform. The wetland that this project focused on is a 60-acre area known as the “Stephen Young Marsh.”

#### **Water Testing Supplies for Students**

**SEP Recipient:** Walden Middle School

**Violator:** Cabot Creamery Cooperative

**Program:** Wastewater Management

**Summary of Violation:** Violation of Indirect Discharge Permit ID-9-0043-3A – By introducing milk into the whey/washwater storage system and disposal by spreading it on fields.

**Amount:** \$1,750

**Location of SEP:** West Danville

**Project Completion Confirmed:** 05/01/00

**Project Description:** Purchased water testing supplies for their students: specifically dissolved oxygen and pH kits. The kits were used to test drinking water and surface water on school property.

#### **Purchase of Science Equipment for Elementary School Students**

**SEP Recipient:** Walden School

**Violator:** Cabot Creamery

**Program:** Wastewater Management

**Summary of Violation:** Violation of Indirect Discharge Permit ID-9-0043A – By falsifying daily journals identifying the fields where dairy processing wastes were spread; Violation of Land Use Permit 5W0870-13(5) – By violating ID-9-0043-A.

**Amount:** \$1,750

**Location of SEP:** West Danville

**Project Completion Confirmed:** 05/01/00

**Project Description:** Purchased science equipment for their elementary school students: microscopes, scales, thermometers, aquariums, gardening tools, and a plant press. The purchase of this equipment eliminated the need for sharing among classes, which made the science curriculum easier to plan.

### **Milfoil Removal and Inlet Water Monitoring**

**SEP Recipient:** Town of Westmore

**Violator:** Roger & Judy LaCross

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §1259(a) – Discharge to state waters without a permit.

**Amount:** \$5,500

**Location of SEP:** Westmore

**Project Completion Confirmed:** 8/18/10

**Project Description:** Removal of invasive milfoil plants from Lake Willoughby and implementation of the “Inlet Water Monitoring Project” which was part of an on-going water quality testing program around the town.

### **Updating Air Packs for Use at Hazardous Incidents**

**SEP Recipient:** Westminster Volunteer Fire & Rescue Department

**Violator:** Mark Kearney, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Storage Tank Regulations (VUSTR) §8-605(2)(a)(i) – Failure to notify the Agency prior to commencement of the permanent closure of a UST; VUSTR §8-605(2)(b)(i) - Failure to follow required UST closure procedures; 10 V.S.A. §6607a(d)(1) and Vermont Hazardous Waste Management Regulations (VHWMR) §7-406(a) – Transportation of hazardous waste over Vermont highways without a permit; VHWMR §806(b)(4) and (5) – Failure to provide adequate containers and failure to label containers of used oil.

**Amount:** \$1,050

**Location of SEP:** Westminster

**Project Completion Confirmed:** 04/25/05

**Project Description:** Purchased air packs which are used at every hazardous incident and are worn by all personnel on the scene. With these air packs, the Fire Department is better equipped to respond to situations involving hazardous materials.

### **Recreation Park Restoration Project**

**SEP Recipient:** White River Partnership

**Violator:** Town of Randolph (2 cases)

**Program:** Water Quality

**Summary of Violation:** *Case One:* Violation of Certification Condition #28 – Exceeding permitted daily tonnage; Violation of Act 250 Permit #3R0255-6. *Case Two:* Violation of 10 V.S.A. §1259 – Discharge to state waters without a

permit.

**Amount:** \$35,000 total

**Location of SEP:** Randolph

**Project Completion Confirmed:** 11/20/01

**Project Description:** Restored 1,000 feet of the Third Branch White River which was necessary because of flood damage in the late 1990s. In addition, a weir that had previously failed was rebuilt. Signs were posted to inform the public of the importance of the project. Following restoration, a riparian buffer was planted for further stability and flood protection. The project also helped to restore fish habitat for Salmon and Trout, by providing shade trees and reducing sedimentation from erosion.

#### **Stream Bank Stabilization for White River**

**SEP Recipient:** White River Partnership

**Violator:** Town of Randolph

**Program:** Wastewater Management

**Summary of Violation:** Violation of 10 V.S.A. §1953 and Environmental Protection Rule §1-403: Failure to obtain Water Supply and Wastewater Disposal permit prior to commencing construction of a public building.

**Amount:** \$2,500

**Location of SEP:** Tunbridge

**Project Completion Confirmed:** 07/01/03

**Project Description:** Stream restoration: involved the installation of fencing and the planting of a riparian buffer on a working dairy farm in Tunbridge. In-stream stabilization and habitat improvement were also performed by volunteers. The stream bank stabilization project covered a total of 3,600 feet of the First Branch of the White River. The project worked to decrease erosion and sedimentation and improve fish habitat while allowing continued operation of the farm.

#### **Equipment for Hazardous Materials Spills or Discharges**

**SEP Recipient:** Waterbury Fire Department

**Violator:** Wesco, Inc.; Mountain Valley Marketing, Inc.; Premium Petroleum, Inc.; Odessa Corp.; Timberlake Assoc.

**Program:** Waste Management

**Summary of Violation:** Violation of Air Pollution Control Regulations (APCR) § 5-253.7(c)(1): Failure to install Stage II vapor recovery system. Transfer of gasoline to motor vehicles after December 31, 2000, without first installing and properly using a Stage II vapor recovery system; APCR § 5-253.7(e)(l)(iii): Failure to test Stage II vapor recovery systems; APCR § 5-253.5(c)(1) Failure to use submerged fill (i.e., install drop tubes) in two underground storage tanks (UST); VHWMR § 7-306(c) (1) (C) (iii): failure of a conditionally exempt generator to properly label hazardous waste containers; VHWMR § 7-306(c)(l)(D): failure of a conditionally exempt generator to satisfy the short term storage standards set forth in § 7-311 (a)(l, 2, 4, 5); VHWMR § 7-307(c)(2): failure of a small quantity generator to transport hazardous waste off site within 180 days; VHWMR § 7-310(a)(3,5): regulations concerning accumulation of hazardous waste by a small quantity generator at the location where it is generated ("satellite accumulation"): (3) failure to locate containers holding satellite accumulation of hazardous waste within a structure that sheds rain and snow and upon an impervious surface; (5) failure to mark containers holding satellite accumulation of hazardous waste with the words "Hazardous Waste"; VHWMR § 7-311(a)(1, 2, 4 and 5): (1) failure to store hazardous waste on an impervious surface. (2) failure to place hazardous waste containers, stored outdoors, within a structure that sheds rain and snow. (4) failure to employ mechanical or physical means to prevent freezing and expansion of hazardous wastes stored out-of-doors. (5) failure of a small quantity generator to keep required spill and fire control equipment in the immediate vicinity of a short-term storage area; VHWMR § 7-311(b)(2): failure of a small quantity generator to store hazardous waste such that required labeling is visible; VHWMR § 7-311 (f)(l): failure of a small quantity generator to properly mark hazardous waste containers with the generator's name, address, EPA identification number, the waste codes, and the date when the container was first used to accumulate waste.

**Amount:** \$2,500

**Location of SEP:** Waterbury

**Project Completion Date:** 11/8/10

**Project Description:** Purchased equipment for use when dealing with spills or discharges of hazardous materials, and participated in a hazardous materials training session.

#### **“Go With the Flow” Water Quality Trail**

**SEP Recipient:** Wihakowi (Camp)

**Violator:** Cabot Hosiery Mills, Inc.

**Program:** Wastewater Management

**Summary of Violation:** Violations of pretreatment discharge permit #3-1462, parts IA(1) and (2)(a), IIA(3), IIA(6)

**Amount:** \$5,000

**Location of SEP:** Northfield

**Project Completion Confirmed:** 02/07/03

**Project Description:** Lengthened and graded the “Go with the Flow” water quality nature trail at this camp which is focused on environmental education. A guidebook/brochure was created for the walk, with several educational stations for visitors to guide themselves through. These educational aspects of the trail focus on natural and man-made changes to the stream. There are instructions for measuring water quality, and information about erosion, among other things.

#### **Protective Clothing, Equipment, and Emergency Response Guidebook**

**SEP Recipient:** Winooski Fire Department

**Violator:** Wesco, Inc.

**Program:** Waste Management

**Summary of Violation:** Violation of Vermont Underground Storage Tank Regulation § 8-604(5) – Failure to perform necessary site investigation; Violation of 10 V.S.A. § 6616 – Release of hazardous materials; Violation of Vermont Hazardous Waste Management Rule § 7-105(2) – Failure to report release of hazardous materials.

**Amount:** \$1,500

**Location of SEP:** Winooski

**Project Completion Confirmed:** 05/03/00

**Project Description:** Purchased protective clothing and equipment for use at a hazardous materials incident and purchased an emergency response guidebook.

#### **Purchase of a Wetland**

**SEP Recipient:** Woodbury Conservation Committee

**Violator:** Bell Atlantic of Vermont

**Program:** Water Quality

**Summary of Violation:** Violation of 10 V.S.A. §905(9) and Vermont Wetlands Rules §6.3 and §8 – Excavating soil, clearing vegetation, and placing blasted rock fill in a class II wetland without a Conditional Use Determination; violation of 10 V.S.A. §1259 – Discharge to state waters without a permit.

**Amount:** \$4,200

**Location of SEP:** Woodbury

**Project Completion Confirmed:** 12/26/00

**Project Description:** Helped purchase a 17 acre parcel of land, including many acres of wetlands. The parcel is now under numerous restrictions, which will prevent its development in the future. The land borders the Woodbury

Elementary School, and will be useful for environmental education opportunities. A footpath and observation blind will be built, where students can observe the native beavers and other wildlife.