

## 2.12 Agency Contacts and Program Resources

### Technical Assistance

A wealth of information and assistance is available to local municipalities, landowners, and businesses in the Catskill/Delaware watershed. Services are wide ranging through a variety of programs. Although funding and grant opportunities may not always be a possibility, the organizations listed below offer a variety of solutions for water quality, infrastructure, and property protection. Please do not hesitate to contact these resources with questions and requests. Many of these organizations also offer grant and other funding opportunities. Please see the grant resources list at the end of this section for more information on monetary support (Table 2.12.1).

#### Soil & Water Conservation Districts (SWCD)

With a conservation district in each county, these local entities provide a variety of services to its local constituency. Most districts focus on offering agricultural assistance with best management practices (BMPs) through design, installation, and oversight. These BMPs include water management such as diversions, barnyard management systems, manure storages, grazing systems, and animal water systems. Other services include riverfront revitalization, plant materials supply, environmental education, permit assistance, flood mitigation, and stream restoration. The SWCDs are often a good starting place for information and assistance. If they cannot help you, they can most likely point you in the right direction.

*Greene:* Executive Director

(518) 622-3620

*Schoharie:* Executive Director

(518) 234-4092

*Delaware:* Executive Director

(607) 865-7161/7090

#### New York City Department of Environmental Protection (NYC DEP)

<http://www.nyc.gov/html/dep/html/watersup.html>

The Bureau of Water Supply works closely with landowners to achieve goals in an environmentally sensitive manner. NYC DEP has a variety of programs that assist

landowners with the management of their property and streams. Please see below for a brief description of the various programs.

*Land Acquisition:* In 1997, the DEC issued a permit that allowed the DEP to acquire land for the purpose of watershed protection. The acquisition of land is one of the best ways to ensure the ongoing prevention of pollution and to prevent future water quality problems from occurring as a result of adverse development close to critical natural features and reservoir intakes. Purchase of land at fair market value or placement in an easement is negotiated only from willing sellers. Interested parties should contact the Land Acquisition Program @ 1-800-575-LAND or (845) 340-7540.

*Stream Management:* DEP's Stream Management Program was established in 1992, and formalized in 1996, as one of the watershed community partnership programs included in the 1996 Watershed Memorandum of Agreement. Its mission is to establish long-term stewardship of streams through a watershed-scale, community-based, geomorphic approach, and the development of Stream Management Plans for priority sub-basins in the NYC Water Supply West-of-Hudson (WOH) watersheds. Essential to achieving this goal is the provision of technical assistance to local municipalities, landowners, and businesses within the watershed. Staff members also offer training and educational programs regarding these topics. Concerns or requests for service, should be made to the Stream Management Program at (845) 340-7628.

*Land Management:* The Land Management Program develops land resource management plans for DEP properties, conducts a recreational review, and develops basin plans, incorporating specific property by property uses and stewardship. In addition, the DEP implemented a public access program that of August, 2006 had made 65% of acquired lands in the Schoharie basin available for recreational purposes like hiking, hunting, and fishing. For additional information call (845) 340-7541.

The DEP also oversees a number of other programs like the watershed agricultural and watershed forestry programs, sewer and septic maintenance, economic development, and watershed education through the Catskill Watershed Corporation (CWC). Please see the CWC description below for more details.

New York State Department of Environmental Conservation (NYS DEC)

[www.dec.state.ny.us](http://www.dec.state.ny.us)

Many water related programs are offered by the NYS DEC. The agency has various divisions, which handle watershed assessment and management, environmental education, fisheries, and flood protection. Information about the DEC stocking schedule, fishing licensing, and access points is available at

<http://www.dec.state.ny.us/website/dfwmr/fish/index.html> or by calling (607) 652-7366 for Region 4.

To receive information regarding any flooding issues and the National Flood Insurance Program, see <http://www.dec.state.ny.us/website/dow/bfp/gisfpm/index.htm> or call (518) 402-8141 about flood control projects or (518) 402-8146 about flood plain management.

In addition to the above services, the DEC is also the regulatory agency for the state of New York's waterways. Having classified Catskill streams, the DEC requires a Protection of Waters Permit for disturbing the bed or banks of a stream. Please contact the following for direction and advice.

*Greene/Delaware/Schoharie* Bureau of Habitat

65561 St Hwy 10

Stamford, NY 12167

(607) 652-2645

U.S. Army Corps of Engineers (ACOE) New York District

[www.nan.usace.army.mil/index.htm](http://www.nan.usace.army.mil/index.htm)

The Army Corps of Engineers has a variety of duties related to stream management. If a municipality or landowner wishes to install a water-related structure, dredge or fill a stream, or affect a wetland area, ACOE will often assign a field technician to visit the site in order to evaluate the need for a federal permit. ACOE also offers engineering designs and other technical expertise. In addition, they are available for planning, designing, and

constructing flood control projects. For a field technician contact the appropriate office listed below:

*Delaware/Greene/Schoharie:* (518) 273-7420

Catskill Watershed Corporation (CWC)

[www.cwconline.org](http://www.cwconline.org)

The CWC is a not-for-profit corporation with a dual goal: to protect the water resources of the New York City Watershed west of the Hudson River, while preserving and strengthening communities located in the region. Although the CWC is mainly a source of funding (see grant information section), they can also provide technical assistance. Pertinent programs for Catskill/Delaware stream stakeholders include the Stormwater Controls for New Construction, Stormwater Retrofit, Septic System Rehabilitation and Replacement, and Alternate Design Septic Program. For more information call (845) 586-1400.

The Septic Rehab and Replacement program, administered by The Catskill Watershed Corporation (CWC) reimburses permanent residents 100 percent of eligible costs of repairing or replacing a failed septic system. Non-primary residents are reimbursed 60 percent of eligible costs. Eligible systems must be a one or two family residence or home-business combination using less than 1,000 gallons per day, and be located in the NYC Watershed in Delaware, Greene, Schoharie, Sullivan or Ulster Counties. The septic system must be located within 150-feet of a watercourse or within 500 feet of a reservoir or reservoir stem in the West-of-Hudson (WOH) Watershed. This program does not pay for new septic systems serving newly constructed home; or for new or repaired systems intended for commercial or institutional use (CWC, 2006).

The Septic Maintenance program is intended to extend the life of septic systems serving one and two family households in the West-of-Hudson Watershed. This program is open to homeowners anywhere in the NYC WOH watershed, who have had a new, or replacement septic system installed after January 21, 1997, and at least three years ago. This program reimbursed homeowners for up to 50% of the eligible cost for septic system inspections and pump-outs.

### Watershed Agricultural Council (WAC)

[www.nycwatershed.org](http://www.nycwatershed.org)

WAC offers the Watershed Agricultural Program and the Watershed Forestry Program. WAC subcontracts with local, state, and federal agricultural assistance agencies, Cornell University, and the private sector to provide planning, education, training, engineering, scientific, and administrative support.

### Watershed Agricultural Program (WAP)

WAP strives to protect the high water quality from agricultural nonpoint source pollution through the planning and implementation of Best Management Practices (BMPs) on farms. Using traditional and non-traditional BMPs, WAP strives to offer a variety of alternatives to farmers that promote the health of their land and the stream. Some specific programs are Whole Farm Planning, the Conservation Reserve Enhancement Program, Nutrient Management Planning, and Small Farm Program. Call (607) 865-7790 or email [info@nycwatershed.org](mailto:info@nycwatershed.org) with questions or requests.

### Conservation Reserve Enhancement Program (CREP)

This program is available to current agricultural landowners or landowners who may not currently farm land, but whose property has a history of agricultural use. CREP is a program for promoting the health of streamside vegetation by providing rental payments for buffer lands that are taken out of production, as well as 100% funding for tree/shrub planting. This program also helps landowners implement stream fencing and livestock watering facilities and other BMPs.

### Watershed Forestry Program (WFP)

The Watershed Forestry Program is a voluntary partnership between New York City and the upstate forestry community that maintains well-managed forests as a preferred land use for watershed protection. In 2001, forests covered approximately 85% of the Schoharie basin land area, and a majority of this forest land is privately owned and managed by thousands of individual landowners. To promote forest stewardship and encourage long-term investment in private forestry, the Forestry Program offers cost-sharing to landowners for developing 10-year forest management plans written by qualified professional foresters.

Participating landowners must own at least 10-acres of forest land in the watershed. The Forestry Program also offers a variety of cost-sharing, technical assistance and other incentive programs to both loggers and landowners for implementing certain forestry practices that protect water quality, such as properly installing new timber harvest roads and stream crossings or remediation of existing forest roads that have documented erosion problems. Owning a watershed forest management plan is actually a prerequisite for many of these programs. Forest landowners may also attend a variety of educational workshops and other training events that are periodically sponsored throughout the watershed. For more information, call (607) 865-7790 or email forest@catskill.net.

National Rural Water Association

[www.nrwa.org](http://www.nrwa.org)

The National Rural Water Association is a non-profit federation of State Rural Water Associations. Their mission is to provide support services to State Associations who have more than 22,000 water and wastewater systems as members. See description below for New York state contact information.

New York Rural Water Association

[http://www.nyruralwater.org/technical\\_assistance/technical.cfm](http://www.nyruralwater.org/technical_assistance/technical.cfm)

New York Rural Water Association (NYRWA) is a not-for-profit group organized in 1979 with the goal of promoting the development, improvement, and sound operation of rural drinking water and wastewater systems throughout New York State. New York Rural Water Association recently expanded its scope to offer training, technical, and administrative assistance to rural communities on solid waste management matters as well. Contact (518) 828-3155, or visit [nyruralwater.org](http://nyruralwater.org).

Federal Emergency Management Agency (FEMA)

<http://www.fema.gov/>

[www.msc.fema.gov](http://www.msc.fema.gov)

FEMA is the federal government agency responsible for administering emergency and disaster relief, recovery, planning and preparedness programs across the United States and territories. While FEMA's most apparent role is emergency response and recovery, its role in risk reduction through the establishment of building codes and administration of

insurance programs, like the national flood insurance program, provide protection against losses of life and property in the case of an emergency or natural disaster. Based in Washington, FEMA operates regional offices across the United States including the Region II office in New York City, covering New York State. FEMA works in cooperation with other federal agencies and State and local emergency response entities such as the State Emergency Management Office (NYS SEMO) and county Emergency Management officials (please see below). FEMA provides training to state and local officials on most aspects of their work including emergency response, disaster response planning, hazard mitigation planning, code interpretation and enforcement. Following a Presidentially declared disaster, FEMA's assistance can be available to state and local government, private individuals, and businesses.

Floods are the most common disaster that would require FEMA involvement with Catskill watershed communities. To protect against flood damages and the loss of life associated with flood events, FEMA provides the following types of assistance:

- Administration of the National Flood Insurance Program (NFIP). Through this program FEMA prepares flood insurance rate maps (FIRMs) that define where floodwaters are likely to cause damage to property. These maps provide communities with a tool to prevent losses through the limitation of building and flood plain modification within these flood zones (Maps provided at FEMA's Map Service Center where you can access the most current FIRM maps: [www.msc.fema.gov](http://www.msc.fema.gov)).
- Management of hazard mitigation programs that help communities identify and modify situations and places at risk during flood events. This would include the development of hazard mitigation plans prepared by communities to help the community reduce or avoid threats to life or property during flood events.
- Following flood events that are declared by the President to be a disaster for a specific county, FEMA typically provides assistance for temporary housing, clean-up, repairs to private structures and repairs to public infrastructure. The availability of this assistance depends on the magnitude of the disaster and the types of losses incurred by the county and its residents. The Small Business Administration also can provide assistance with low interest loans to private business. FEMA programs are

modified frequently and therefore the type and level of assistance will vary from event to event.

- FEMA plays its most important role as a coordinator of response and information in times of a disaster.

To contact the FEMA Region II office, please call (212) 680-3600.

New York State Emergency Management Office (NYS SEMO)

[www.semo.state.ny.us](http://www.semo.state.ny.us)

As stated above, the New York State Emergency Management Office is the state entity for pre- and post disaster assistance. Like FEMA, the state office provides planning and resources through cooperation with local governments, volunteer organizations like Red Cross, and the private sector. Where FEMA is primarily involved immediately after a disaster event, SEMO provides long-term recovery solutions. The state agency is more involved in the day to day planning and preparation for disaster response. Below are summaries of some of SEMO's major programs.

*Mitigation:* This may be one of SEMO's most influential programs by providing preventative assistance to communities within the Catskills. Mitigation efforts intend to reduce negative impacts of floods and other major disasters by preparing pre-disaster planning. This program also aims to identify potential threats and repeatedly damaged structures and to offer positive solutions to reduce future losses and protect against the loss of life and property. It is the intention that preventative efforts will greatly reduce the cost of recovery and will also reduce the loss of property. SEMO manages a Hazard Mitigation Grant program available to communities that prepare hazard mitigation plans. Communities preparing the plan are eligible for grant program funds to implement hazard mitigation projects following Presidentially declared disasters within New York State. Individuals living in communities with plans may benefit from the program through the reduction in flood insurance rates.

*Disaster Recovery Assistance:* Recognizing that not all disasters can be prevented, this program aims to provide local assistance for faster recovery by coordinating public

assistance funds, disaster housing assistance, individual family grants, and small business administration assistance.

*Other Emergency Assistance:* SEMO also provides a variety of services during times of emergency. These services include state of the art communications, information dissemination, and emergency operation coordination. Call the Emergency Coordination Center at (518) 929-2200 with questions or requests.

Cornell Cooperative Extension (CCE)

[www.cce.cornell.edu](http://www.cce.cornell.edu)

Cooperative Extension builds partnerships and coalitions with individuals, communities, organizations, government agencies, and businesses around issues of mutual concern; develops local leaders who use CCE knowledge to inform decisions; promotes youth development through 4-H clubs and other experiences; strives to help participants make informed choices using the best knowledge available; connects learners with educational resources found in locations throughout the world; consults with individuals and groups on multiple topics; provides resources via technologies such as the World Wide Web, satellite, and compressed video.

*Greene:* (518) 622-9820

[greene@cornell.edu](mailto:greene@cornell.edu)

*Delaware:* (607) 865-6531

[delaware@cornell.edu](mailto:delaware@cornell.edu)

*Schoharie:* (518) 234-4303

[schoharie@cornell.edu](mailto:schoharie@cornell.edu)

The Greene County CCE Agroforestry Resource Center

<http://arc.cce.cornell.edu/>

The Agroforestry Resource Center provides educational programs, supports research, and promotes collaboration among organizations concerned with sustaining the forest dominated landscape of the Catskill Mountain/Hudson Valley Region. Agroforestry is the art and science of integrating timber production with other crops and forest related income opportunities. The goal is to promote sustainable practices that will provide economic benefits to landowners and communities while preserving forested areas so they continue to

provide ecological, economic and public health benefits to the surrounding human population.

Natural Resources Conservation Service (NRCS)

[www.nrcs.usda.gov](http://www.nrcs.usda.gov)

NRCS puts nearly 70 years of experience to work in assisting owners of America's private land with conserving their soil, water, and other natural resources. Local, state and federal agencies and policymakers also rely on their expertise. They deliver technical assistance based on sound science and suited to a customer's specific needs. Cost shares and financial incentives are available in some cases. Most work is done with local partners. NRCS's partnership with local conservation districts serves almost every county in the nation, and the Caribbean and Pacific Basin. Participation in our programs is voluntary. Please see below for local contact information.

<i>Greene:</i>	Ghent Service Center (518) 828-4385	<i>Schoharie:</i>	Cobleskill Service Center (518) 234-4377
<i>Delaware:</i>	Walton Service Center (607) 865-4005		

United States Geological Survey (USGS)

[ny.water.usgs.gov](http://ny.water.usgs.gov)

The USGS provides the Nation with reliable information about the Earth to minimize the loss of lives and property from natural disasters, to manage biological, water, mineral, and energy resources, to enhance and protect the quality of life, and to contribute to wise economic and physical development. The USGS provides a variety of assistance related to the four main categories of biology, geography, geology, and water. The water division is broken down into ground water, surface water, and water quality. Individuals can find a multitude of data throughout the website, search various resource databases, and view a number of maps. For more information call the Troy office at (518) 285-5600.

Catskill Forest Association (CFA)

[www.catskillforest.org](http://www.catskillforest.org)

The Catskill Forest Association is a non-profit organization dedicated to enhancing all aspects of the forest in New York's Catskill region. CFA offers educational programs at all levels, from one-on-one site visits at landowner properties to group woods-walks, workshops and seminars. School-based activities include classroom visits and teacher training such as the Watershed Forestry Institute. CFA is also active in advocating for proper forest management, as well as promoting the economic development of viable markets for a variety of forest products. For more information, email [cfa@catskill.net](mailto:cfa@catskill.net) or call (845) 586-3054.

Catskill Center for Conservation and Development (CCCD)

[www.catskillcenter.org](http://www.catskillcenter.org)

The Catskill Center is a non-profit organization working to protect the cultural, historic, and natural resources of the Catskill Mountains. The CCCD has a few integrated program areas:

*Land Conservation & Natural Resource Protection:* This program identifies, monitors, and engages in effective actions to protect and preserve sensitive, ecologically significant, aesthetically, or recreationally critical lands and waters.

*Community Outreach and Planning Assistance:* This program provides technical support to rural communities in the Catskills on grant-writing, planning, land use, zoning, subdivision, community empowerment, main street revitalization, regional forums, conferences and workshops, producing reports and publications, and public policy development.

*Education:* This program consists of a curriculum entitled The Catskills: A Sense of Place, which is a series of five modules on the water resources, geography and geology, ecosystems, human history, and culture and arts of the Catskills. A Sense of Place is designed to give children a better awareness, understanding, and appreciation of the distinctive features of our area. In addition, The Center has partnered with Hudson Basin River Watch to support advanced water quality monitoring efforts by adult volunteer groups. Lastly, they

host a hike, lecture, and recreation series for our membership and the general public throughout the year. Visit their website at [catskillcenter.org](http://catskillcenter.org) or call (845) 586-2611.

Trout Unlimited (TU)

[www.tu.org](http://www.tu.org)

Trout Unlimited's mission is to conserve, protect and restore North America's trout and salmon fisheries and their watersheds. TU accomplishes this mission on local, state and national levels with an extensive and dedicated volunteer network. Local TU members have been active in many aspects of stream management planning throughout the Catskill/Delaware watershed. Not only do they participate in public meetings, legislative activities, and volunteer events, but TU has also funded research projects such as the "Economic Impact Assessment of the Beaverkill-Willowemoc Trout Fishery" to promote improved trout habitats and stream health. Please contact the following local chapters for further information:

*Ashokan-Pepacton 559:* (845) 657-2312

*Catskill Mountain 028:* (845) 334-9323

*Columbia Greene RVW 569:* (518) 851-9442

Greene Land Trust

<http://www.greenelandtrust.org/>

Recognizing the need for an organizational structure that would insure long-term protection and management of critical habitat lands, the Greene County Soil & Water Conservation District and Greene County Industrial Development Agency funded the establishment of the Upper Hudson—Northern Catskill Natural Resource Trust, which later filed with the NYS Dept of State to operate under the assumed name of Greene Land Trust. While the GLT was founded to assist the habitat protection efforts, it is an autonomous organization that continues to grow and address a range of local natural resource issues in the Greene County area. Contact Rene Vanschaack at (518) 622-3620 or [info@greenelandtrust.org](mailto:info@greenelandtrust.org).

ESRI Environmental Conservation Program (CSP)

[www.conservationgis.org/aaesrigrants.html](http://www.conservationgis.org/aaesrigrants.html)

This program provides donations and discounts of GIS software, data, books, and training. It offers free on-line live workshops. The overall goal of the ECP is to support conservation groups in acquiring, learning, and using GIS tools and methods. ECP has a particular focus on appropriate levels of technology for locally sustainable programs. Its goal is not to throw out one-off donations into a vacuum with no forethought, but to build permanent, locally based support structures that provide ongoing evolutionary growth in GIS skills. Email [eep@esri.com](mailto:eep@esri.com) for detailed information.

**Table 2.12.1. Funding Sources and Agency Contacts**

Name	Focus	Due Date	Contact	Award Example	Notes/Priority	on-the-research	planning	< \$20K	\$20K to \$100K	>	Range
<b>Natural Resources Conservation Service</b>											
Conservation on Private Lands <a href="http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;CONTENTID=3971&amp;TEMPLATE=/CM/ContentDisplay.cfm">http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;CONTENTID=3971&amp;TEMPLATE=/CM/ContentDisplay.cfm</a>	Projects that engage private landowners, primarily farmer and ranchers, on the ground project.		Eastern Partnership Office, Director, Peter Stangel 404-679-7099		Partnership with NRCS or local conservation districts, priority given to landscape, watershed scale projects integrating agriculture, forestry, and ranching that benefit fish and wildlife.	X		X	X	X	10K-150K
Emergency Watershed Protection <a href="http://www.nrcs.usda.gov/programs/ewp/factsheet.html">http://www.nrcs.usda.gov/programs/ewp/factsheet.html</a>	Projects support such work as clearing debris from clogged waterways, restoring vegetation, and stabilizing river banks.	on-going	Highland Service Center 845-883-7162		The measures that are taken must be environmentally and economically sound and generally benefit more than one property owner.	X					
<b>National Oceanic and Atmospheric Administration</b>											
Community-based Restoration <a href="http://www.nmfs.noaa.gov/habitat/restoration/projects_programs/crp/index.html">http://www.nmfs.noaa.gov/habitat/restoration/projects_programs/crp/index.html</a>	Provides funds for small-scale locally driven habitat restoration projects that foster natural resources stewardship within communities.		Robin Bruckner <a href="mailto:robin.bruckner@noaa.gov">robin.bruckner@noaa.gov</a> 301-713-0174	Provides funding to implement on-the-ground habitat restoration projects to benefit marine, estuarine and riparian habitats.		X		X	X	X	14K-8 mil.
<b>Federal Emergency Management Agency</b>											
Flood Mitigation Assistance <a href="http://cfpub.epa.gov/fedfund/list1.cfm?program=31">http://cfpub.epa.gov/fedfund/list1.cfm?program=31</a>	Program helps states and communities identify and implement measures to reduce or eliminate the long-term risk of flood damage to homes and other structures.	established by states	Public Assistance Branch, Recovery Division FEMA,DHS 500 C Street, SW Washington, DC 20472 202-646-4262		Two types offered: planning and project grants for National Flood Insurance Program (NFIP) participating communities.	X		X			
<b>U.S. Fish and Wildlife Service</b>											
North American Wetlands Conservation Act Grants <a href="http://www.fws.gov/birdhabitat/Grants/index.shtml">http://www.fws.gov/birdhabitat/Grants/index.shtml</a>	Standard and small grants programs help deliver funding to on-the-ground projects through the protection, restoration, or enhancement of an array of wetland habitats.		Standard–David Buie 703-358-2266 Small-Keith Morehouse 703-358-1888	See award examples at: <a href="http://birdhabitat.fws.gov/nawca/grants.htm">http://birdhabitat.fws.gov/nawca/grants.htm</a>			X	X	X	X	small=<75K standard=75K-36.2mil.
Partners for Fish and Wildlife <a href="http://ecos.fws.gov/partners/viewContent.do?viewPage=home">http://ecos.fws.gov/partners/viewContent.do?viewPage=home</a>	Restoring former and degraded wetlands, native grasslands, stream and riparian areas, and other habitats to conditions as natural as feasible.	on-going	Carl Schwartz 607-753-9699	The program has partnered landowners to restore wetlands, prairie grassland, and in-stream aquatic and riparian habitat.	Provides technical and financial assistance to landowners interested in voluntarily restoring or otherwise improving native fish & wildlife habitat on their lands.	X		X	X		<25K

**Table 2.12.1. Funding Sources and Agency Contacts, Continued**

Name	Focus	Due Date	Contact	Award Example	Notes/Priority	on-the-ground	research	planning	< \$20K	\$20K to	> \$100K	Range
<b>Cooperative State Research, Education, and Extension Service</b>												
National Integrated Water Quality <a href="http://www.usawaterquality.org/integrated">http://www.usawaterquality.org/integrated</a>	Supports integrated research, education, and extension projects, as well as, extension/education projects to address water quality issues at the watershed scale.		Mike O'Neill National Program Leader, Water Quality 202-205-5952 <a href="mailto:moneill@csrees.usda.gov">moneill@csrees.usda.gov</a>	See award examples at: <a href="http://www.usawaterquality.org/projects">http://www.usawaterquality.org/projects</a>	Grant awards to be made to four-year degree granting institutions.		X			X	X	85K-1.3 mil.
<b>State Emergency Management Office</b>												
<a href="http://www.semo.state.ny.us">http://www.semo.state.ny.us</a>	Provides leadership, planning, education, and resources to protect lives, property and the environment.	on-going	State Emergency Coordination Center 518-292-2200 <a href="mailto:postmaster@semo.state.ny.us">postmaster@semo.state.ny.us</a>			X		X	X	X	X	
<b>Catskill Watershed Corporation</b>												
Catskill Fund for the Future <a href="http://www.cwconline.org/programs/econ_dev/econ_dev.html">http://www.cwconline.org/programs/econ_dev/econ_dev.html</a>	Funds will be used to make loans and grants to businesses and organizations proposing environmentally responsible projects.	rolling basis	Michael Triolo, Economic Development Director, <a href="mailto:triolo@cwconline.org">triolo@cwconline.org</a> Phil Sireci, <a href="mailto:sireci@cwconline.org">sireci@cwconline.org</a>	Delhi received money for establishment of Riverwalk Community Park (purchase of riparian property and development of a village riverfront area with canoe access.	This fund program includes a variety of grant and loan programs.	X		X	X	X	X	
Septic System Rehabilitation and Replacement <a href="http://www.cwconline.org/programs/septic rehab.html">http://www.cwconline.org/programs/septic/rehab.html</a>	This program reimburses homeowners for repairing or replacing damaged septic tanks.		Leo LaBuda <a href="mailto:lubuda@cwconline.org">lubuda@cwconline.org</a> John Jacobson <a href="mailto:jjacobson@cwconline.org">jjacobson@cwconline.org</a> 845-586-1400		Limited to properties in the five-county West-of-Hudson Watershed whose septic systems or property centroids lie within 100 feet of a watercourse. 60% and 100% of eligible costs for non-primary and primary landowners, respectively.	X			X			60%-100% of costs

**Table 2.12.1. Funding Sources and Agency Contacts, Continued**

Name	Focus	Due Date	Contact	Award Example	Notes/Priority	on-the-ground	research	planning	< \$20K	\$20K to	> \$100K	Range
<b>Catskill Watershed Corporation continued</b>												
Stormwater Controls for New Construction <a href="http://www.cwconline.org/programs/strm_wtr/strm_wtr.html">http://www.cwconline.org/programs/strm_wtr/strm_wtr.html</a>	Program to design and construct runoff and erosion control measures.		Thomas De John Professional Engineer <a href="mailto:tdejohn@cwconline.org">tdejohn@cwconline.org</a>	One project will improve stormwater collection and treatment on Railroad Ave., a project intended to decrease pollution and nutrient loading and reduce flow to the village's wastewater treatment plant.		X					X	
Stormwater Retrofit <a href="http://www.cwconline.org/programs/strm_wtr/strm_wtr.html">http://www.cwconline.org/programs/strm_wtr/strm_wtr.html</a>	Program to provide funds for stormwater management needed to correct or reduce existing erosion, polluted runoff or other problems associated with stormwater.		Thomas De John Professional Engineer <a href="mailto:tdejohn@cwconline.org">tdejohn@cwconline.org</a>		Projects to implement stormwater BMPs that reduce erosion and/or pollutant loading associated with conditions existing on/or before January 21, 1997 are eligible to apply.	X						
Public Education <a href="http://www.cwconline.org/programs/pub_edu/pe.html">http://www.cwconline.org/programs/pub_edu/pe.html</a>	Projects that would increase awareness of the region's environment, its natural beauty, and human history.		Diane Galusha <a href="mailto:galusha@cwconline.org">galusha@cwconline.org</a>	Tri-Valley Central School, Grahamsville, water monitoring equipment to expand the agricultural and environmental studies programs to include water quality examinations; Ernest Myer School, to bring Streamwatch.		X			X			\$750 to \$10K
Local Technical Assistance Program <a href="http://www.cwconline.org/programs/tech/tech.html">http://www.cwconline.org/programs/tech/tech.html</a>	Program addresses projects that enhance pollution prevention management plans or regulations intended to reduce existing /potential erosion and/or pollutant loading or improve the vitality of watershed communities		Thomas De John Professional Engineer <a href="mailto:tdejohn@cwconline.org">tdejohn@cwconline.org</a>	New Program	Preference given to projects that involve municipalities with commitment to adopting management plans, local law, or study recommendations.			X	X	X		<\$50K

## 2.12.1. Funding Sources and Agency Contacts, Continued

Name	Focus	Due Date	Contact	Award Example	Notes/Priority	on-the-ground	research	planning	< \$20K	\$20K to	> \$100K	Range
<b>National Fish &amp; Wildlife Foundation</b>												
Bring Back the Natives <a href="http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=4095">http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=4095</a>	Funds on-the-ground efforts to restore native aquatic species to their historic range. Can involve riparian habitat restoration, moving streams toward stability and supporting native aquatic communities.	two-decision cycles/year	Corey Grace 415-778-0999 <a href="mailto:corey.grace@nfwf.org">corey.grace@nfwf.org</a>		Projects involving sensitive or listed aquatic species. Does not fund basic research or monitoring.	X				X	X	
Native Plant Conservation Initiative <a href="http://www.nfwf.org/AM/Template.cfm?Section=Stewardship&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=3966">http://www.nfwf.org/AM/Template.cfm?Section=Stewardship&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=3966</a>	Projects that protect and enhance, and/or restore native plant communities on public and private land, including protection and restoration, information and education, and inventory and assessment.	two-decision cycles/year	Ellen Gabel 202-857-0166 <a href="mailto:ellen.gabel@nfwf.org">ellen.gabel@nfwf.org</a>		There is a strong preference for “on-the-ground” projects that involve local communities and citizen volunteers in the restoration of native plant communities. Projects that include a pollinator conservation component are also encouraged.	X	X					10K-50K
Five-Star Restoration Matching Grants Program <a href="http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=4502">http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&amp;TEMPLATE=/CM/ContentDisplay.cfm&amp;CONTENTID=4502</a>	Supports community-based wetland, riparian, and coastal habitat restoration projects that build diverse partnerships and foster local natural resource stewardship through education, outreach and training activities.		Amanda Bassow 202-857-0166 <a href="mailto:amanda.bassow@nfwf.org">amanda.bassow@nfwf.org</a>	The Mahopac High School will create a half-mile of wetlands along SEAC Creek in front of Mahopac High School by re-contouring the stream corridor and planting native trees and shrubs. The project will serve as a local example of ecological restoration and will be designed as an outdoor classroom for student educational use.	Preference will be given to projects that: Are part of a larger watershed or community stewardship effort; include specific provisions for long-term management, monitoring, and protection; and demonstrate the value of innovative, collaborative approaches to restoring the nation’s waters.	X						5K-20K
<b>Watershed Agricultural Council</b>												
NYC Watershed Forestry Program <a href="http://www.nycwatershed.org/">http://www.nycwatershed.org/</a>	Provides cost-sharing incentives and technical assistance to watershed forest landowners to promote forest management planning and to help establish streamside buffers.	rolling assistance	Watershed Forestry Program 607-865-7790 1-800-662-1220 <a href="mailto:info@nycwatershed.org">info@nycwatershed.org</a>		Assistance from this program could be used to establish additional grants from matching programs that require existing challenge funds and partnerships.			X	X			

**Table 2.12.1. Funding Sources and Agency Contacts, Continued**

Name	Focus	Due Date	Contact	Award Example	Notes/Priority	on-the-ground	research	planning	< \$20K	\$20K to	> \$100K	Range
<b>The Conservation Fund</b>												
Kodak American Greenways Award <a href="http://www.conservationfund.org/?article=2372">http://www.conservationfund.org/?article=2372</a>	Small grants to stimulate the planning and design of greenways in communities throughout America.	03-01 to 06-01 each year	American Greenways Program 703-525-6300 <a href="mailto:postmaster@conservationfund.org">postmaster@conservationfund.org</a>	North American Water Trails received grant money for its development, enjoyment and stewardship or recreational water trails.	Grants used for appropriate expenses needed to complete greenway project including planning, technical assistance, legal and other costs.			X	X			
<b>ESRI Conservation Program</b>												
Software/Training Donations	Provides donations and discounts of basic GIS software and books.	on-going	<a href="mailto:grant@esri.com">grant@esri.com</a>		Does not provide hardware or cash.							
Conservation Program <a href="http://www.conservationgis.org/aaesrigrants.html">http://www.conservationgis.org/aaesrigrants.html</a> Resource Conservation District Grant Programs <a href="http://www.esri.com/grants/esri/conservation.html">http://www.esri.com/grants/esri/conservation.html</a>	Provides donations and discounts of GIS software, data, books, and training.	on-going	<a href="mailto:ecp@esri.com">ecp@esri.com</a> <a href="mailto:rcdgrant@esri.com">rcdgrant@esri.com</a>		Does not provide hardware or cash.							
<b>Tech Grants</b>												
<a href="http://www.techfoundation.org">http://www.techfoundation.org</a>	TechFoundation is committed to bringing financial resources, technology solutions and management expertise to non-profits to strengthen the social sector.		<a href="mailto:techgrants@techfoundation.org">techgrants@techfoundation.org</a> 617-354-7500	Colorado Environmental Coalition <a href="http://www.ourcolorado.org">www.ourcolorado.org</a>	Awardees selected for focus on projects that will bring quality technology resources.	X		X	X			
<b>Earthwatch Institute</b>												
Research Program <a href="http://www.earthwatch.org/research">http://www.earthwatch.org/research</a>	Supports field research worldwide in biological, physical, social, and cultural sciences.	on-going	Earthwatch Institute 1-800-776-0188 <a href="mailto:info@earthwatch.org">info@earthwatch.org</a>	Monitor water quality. Inventory, monitoring, or restoration of watershed environments.	Grants cover cost of maintaining volunteers and research field staff not PI salaries, capital equipment, or overhead.				X	X	X	
<b>Toshiba America Foundation</b>												
<a href="http://www.toshiba.com/taf/apply.html">www.toshiba.com/taf/apply.html</a>	Contribute to projects designed by classroom teachers to improve science and math education.	on-going	212-596-0620 <a href="mailto:foundation@tai.toshiba.com">foundation@tai.toshiba.com</a>	MS received grant for earth science students to conduct a water quality study in their area.		X			X	X		