

**New York State Environmental Facilities Corporation
Green Innovation Grant Program (GIGP) Grantees for Federal Fiscal Year 2010 (Round 2)**

County	Project Name	Applicant Name	Project Description	Award Amount
Albany	State Street Rehabilitation	City of Albany	Two bioretention basins will be installed at the corner of State Street and Broadway in downtown Albany to treat stormwater from adjacent streets and sidewalks. The project is expected to reduce pollutants and runoff flows to the Hudson River through filtration, plant adsorption, evapotranspiration, and a reduction of contributing impervious areas.	\$361,000.00
Albany	North Swan Street Park Green Innovation Project	City of Albany	GIGP will fund a feasibility study and design for a public park with multiple green benefits in a historic Albany neighborhood. The multi-use park will be designed for installation on the site of a deteriorated vacant lot.	\$47,500.00
Erie	CSO 060 Green Streets Demonstration Project	Buffalo Sewer Authority	The demonstration of a green alternative to sewer separation will be installed in Buffalo's Bird Avenue sewershed. The project area consists of 16 streets, five of which will be selected through consultation with the community. Emphasis will be placed on developing metrics that allow the Sewer Authority and other upstate communities to learn about the long-term potential of green infrastructure.	\$750,000.00
Ontario	Antis Street Parking Lot Rehabilitation	City of Canandaigua	Canandaigua will rehabilitate an existing parking lot to incorporate bioretention practices and improved stormwater drainage. The project will provide water quality treatment for an existing 0.8 acre municipal parking lot and 1.1 acres of surrounding drainage area.	\$41,400.00
Cayuga	Owasco Flats Wetland Restoration and Riparian Buffers Initiative	Cayuga County	A portion of a degraded wetland in the Finger Lakes region known as the Owasco Flats will be restored as a fully functioning wetland, creating wildlife habitat, improving water quality, and helping ensure that Owasco Lake remains a safe source of drinking water for area residents.	\$712,500.00
Madison	Cazenovia Stormwater Runoff Harvesting Project	Village of Cazenovia	This upstate village will capture rainwater from rooftops in its historic center, diverting it into cisterns, infiltration basins and a vegetated swale. The project will help remove runoff from the sanitary sewer system, recharge the aquifer, and re-use harvested water for municipal water operations. The project also will provide the opportunity to educate the residents about water conservation.	\$400,00.00
Chautauqua	Stormwater Treatment Upgrade	Chautauqua Institution	The Chautauqua Institution will implement green infrastructure practices to reduce phosphorus loading to Lake Chautauqua. Bioretention, constructed wetlands, vegetated buffers, and swales will provide water quality treatment and runoff reduction from the 700-acre campus in western New York.	\$750,000.00
Westchester	Highland Avenue Property - Habitat Protection, Improvements & Restoration	Town of Eastchester	Design and engineering documents will be developed to restore a degraded wetland, stream and riparian area on a 10-acre property located in the Long Island Sound Watershed. The project will improve stormwater quality by reducing impervious surface and adding raingardens, wetlands, streambank protection and stream channel stabilization.	\$18,000.00
Erie	Big Sister Creek Wastewater Treatment Plant Energy Efficiency Improvement Project	Erie County	Improvements to a wastewater treatment plant will include lighting efficiency upgrades, a green roof, providing automatic control of digester aeration blowers, and adding dissolved oxygen control to the aeration system, as well as the implementation of an energy management system.	\$750,000.00
Erie	Erie County Rainwater Harvesting System Installation	County of Erie	Rainwater reuse systems will be installed at five municipal sites in Erie County. These systems will create cost savings, reduce downstream stormwater flows and serve as a case study to share and promote this innovative green infrastructure with other communities in western New York.	\$750,000.00
Herkimer	Village of Frankfort Stormwater Revitalization Project	Village of Frankfort	Stormwater tree pits and infiltration trenches will be installed to filter and manage stormwater, alleviate flooding and reduce the pollutant load to receiving waterbodies in the region.	\$229,000.00
St. Lawrence	Village of Gouverneur Combined Sewer Separation and Overflow Abatement Project	Village of Gouverneur	An Engineering Report will be prepared to evaluate the implementation of green infrastructure alternatives in order to reduce the number of combined sewer overflows to the Oswagatchie River and help remediate localized flooding in the Village.	\$47,500.00
Nassau	Great Neck Water Pollution Control District Microturbine Cogeneration Facility	Great Neck Water Pollution Control District	Two 65-kilowatt microturbines will be installed to produce electrical energy from digester gas generated at the Great Neck Water Pollution Control District's Wastewater Treatment Plant. The resulting energy will be used to power the facility.	\$750,000.00
Orange	Stormwater Retrofit of the Village of Greenwood Lake Commuter and Library Parking Lot	Village of Greenwood Lake	Retrofits at an existing public library parking lot will filter and reduce stormwater runoff and help remove phosphorous, a source of impairment to nearby Greenwood Lake. The parking lot will be replaced with pervious pavers; stormwater from adjacent streets and the library roof will be captured and conveyed to bioretention areas planted with native trees and plants.	\$560,000.00
Suffolk	Spring Pond Restoration - Stormwater Pollution Improvement Project	Group for the East End	A comprehensive engineering study will be developed to guide stormwater management actions to help remediate a Long Island pond. The study will evaluate alternatives for mitigating bacterial and nitrogen contamination.	\$20,000.00

Suffolk	Middle Road Pollution Abatement Project	McGann-Mercy High School	The project will develop 1.7 acres of wetland and restore an additional 2.3 acres of degraded wetland at a private high school campus. The goal is to improve the quality of stormwater runoff into the Peconic Estuary, while providing an opportunity to educate students in Suffolk County about stormwater issues.	\$750,000.00
Onondaga	Increasing Sustainability of the Minoa, NY Cleanwater Educational Research Facility	Village of Minoa	An existing constructed wetland will be upgraded to provide a more efficient treatment system, particularly for the destruction of pharmaceutical compounds. This project will be carried out in conjunction with the installation of an anaerobic digester that will enable the facility to produce renewable energy and reduce overall operating costs.	\$563,886.00
War Memorial Arena Rainwater Reuse System	War Memorial Arena Rainwater Reuse System	Onondaga County	A rainwater collection system will be implemented at a large event arena in downtown Syracuse. Captured rainwater and snow melt runoff from the roof will be reused, primarily for ice production. Replacing potable water with harvested stormwater for ice-making will reduce annual consumption by 366,000 gallons. Energy savings will also be achieved since pure water can be operated at higher temperature for ice making.	\$750,000.00
Jefferson	LaFargeville Sewage Treatment Plant Renewable Energy Project	Town of Orleans	The Town of Orleans will install a 52 kW solar array on the south side of the LaFargeville Sewage Treatment Plant's lagoon. The renewable energy produced will offset more than 50% of the plant's annual electrical use.	\$301,377.00
Tioga	Chesapeake Bay Nutrient Removal Initiative	Village of Owego	The Village of Owego Wastewater Treatment Plant currently discharges treated water into the Susquehanna River, part of the Chesapeake Bay Watershed. The Village treats an average daily flow of 2 mgd and a peak flow of 3.5 mgd. GIGP funds will install a fine bubble aeration system to achieve the TMDL requirements.	\$750,000.00
Rensselaer	City of Rensselaer Green Streets Project	City of Rensselaer	An engineering report and detailed design documents for green infrastructure components will be developed for the City's Washington Avenue corridor between the Eastland Park neighborhood and Broadway. The design will incorporate porous pavers, vegetated swales, stormwater planters, and stormwater tree pits.	\$44,500.00
Monroe	Turning Point Park Green Infrastructure Installation Project	City of Rochester	GIGP funding will be used to upgrade aging infrastructure at Turning Point Park, a city park and nature preserve with trailhead access to the city-wide off-road trail system and Genesee River Greenway. Porous pavement parking areas, bioinfiltration areas, and educational signage will be included in the project.	\$552,000.00
Rockland	Rockland County Sewer District Digester BioGas Power Production Renovation	Rockland County Sewer District No. 1 (RCSD)	An engineering report will evaluate alternatives for heat recovery to reduce energy needs at this facility. The RCSD facility treats 28.9 million gallons per day and currently uses 9.5 megawatt hours per year.	\$750,000.00
Oneida	Rod Mill Reuse Strategy	City of Rome	An abandoned brownfield site will become a pedestrian-friendly waterfront recreational facility connecting the Erie Canal and Rome's downtown. The construction of a bioretention area, rain gardens, stormwater planters, deciduous trees, and porous asphalt will decrease the current impervious surface area from 5.5 acres to 1.3 acres.	\$660,000.00
Schenectady	Green Storm Water Renovation of County Parking Lot	Schenectady County	An existing parking lot will be retrofitted with porous pavement and bioinfiltration basins that will capture and manage stormwater from the non-porous portion of the parking lot. The green practices will be sized to store, recharge and filter stormwater runoff from a 1-year storm.	\$343,121.00
Onondaga	St. Joseph's Hospital Health Center Phase 2A	St. Joseph's Hospital Health Center	A green roof will be installed at this hospital facility's newly- expanded Emergency Services Building. The green roof will cover approximately 50,000 sq. ft. of the roof surface.	\$750,000.00
Essex	Combined Sewer Evaluation and Stormwater Design Report	Town of Ticonderoga	The Town of Ticonderoga will complete a study to implement green and grey infrastructure alternatives to address their combined sewer overflow issues.	\$28,000.00
Oneida	Town of Trenton-Hinckley Sewer Project	Town of Trenton	A decentralized wastewater system will be constructed to intercept the raw sewage currently being discharged into West Canada Creek by local residences, which utilize shallow wells and well points for drinking water and which are susceptible to contamination.	\$402,345.00
Oneida	Urban Green Infrastructure Project	City of Utica	Street trees, structural soil and permeable surfaces will be installed to retrofit a streetscape in downtown Utica. The green practices will help reduce combined sewer overflows while enhancing the physical environment and spurring economic growth.	\$444,150.00
Rockland	Pilot Program to Assess Enhanced Conservation Measures for Lawn Watering Programs	United Water New York	This project will study outreach, educational approaches and hardware solutions to reducing lawn watering demand. The data will be used to develop more effective programs to promote watering based on local weather, and quantify water loss from soil through evaporation and moisture loss from plants through transpiration.	\$33,000.00
Dutchess	Stormwater Wetland Improvement for the Village of Wappingers Falls	Village of Wappingers Falls	The Village of Wappingers Falls will construct a new gravel wetland to treat and manage stormwater runoff from a 110-acre residential, commercial and open space area. The wetland filter will help clean stormwater by physically filtering it as it passes through the system.	\$634,000.00
Warren	Sustainable Advancement of the Lake George Environmental Park	Warren County	A permeable grass paver system will be installed at a 2.5 acre festival space at a public park, and a portion of an adjacent road will be converted into a municipal permeable pavement parking lot.	\$738,000.00

Warren	Beach Road Highway Porous Pavement Project	Warren County Department of Public Works	The Warren County Department of Public Works will install and monitor approximately 0.5 miles of porous pavement roadway as part of the Beach Road reconstruction project within the Village.	\$415,000.00
Westchester	Saw Mill River Daylighting at Larkin Plaza	City of Yonkers	The Saw Mill River will be restored ("daylighted") at Larkin Plaza near its confluence with the Hudson River. The river, which currently flows under a parking lot and urban plaza, will be brought back to the surface and "naturalized" with native plantings to create softer river banks and stone riparian zones, riffle areas, and approximately 4,000 square feet of tidal wetlands with hydrophytic vegetation. More than 100 trees will also be planted as part of the project.	\$750,000.00