



# New York City Watershed Environmental Assistance Program, New York Environmental Infrastructure

As of February 2012

**U.S. ARMY CORPS OF ENGINEERS**

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## **DESCRIPTION**

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The water supply for the City of New York is composed of three watershed systems. Together, these systems provide water for 8 million residents in New York City, as well as 1 million residents north of the City. The Catskill and Delaware systems lie west of the Hudson River, covering an area of approximately 2000 square miles. The Croton System, which includes the New Croton and Middle Branch Reservoirs, is east of the Hudson River.

The New York City Watershed Environmental Assistance program establishes a process to provide design and construction assistance to non-Federal interests for publicly owned water-related environmental infrastructure and resource protection and development practices in the eight county portion of the New York City watershed. The eligible projects include water supply, storage, treatment, and distribution facilities and surface water resource protection and development.

**AUTHORIZATION:** The project was authorized in Section 552 of the Water Resources Development Act of 1996. The authorization totals \$56,667,000. The Federal share is 75% or \$42,500,000 and the non-Federal share is 25% or \$14,167,000.

**STATUS:** A total allocation of \$19,802,312 for the program has been made during Fiscal Years 1997 through 2010, including \$7,598,312 in federal funds from the Hudson River at Athens, NY project was transferred to the NYC Watershed program for projects in Delaware and Greene counties. The State of New York, New York Department of Environmental Conservation is the sponsor for the program and has recommended 42 projects for execution. The Army Corps of Engineers has executed 36 Project Cooperation Agreements (PCA) covering 41 projects with various local sponsors for all of the certified projects. The table on page 2 outlines the on-going projects (10) and the projects completed to date (31).

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**CONGRESSIONAL DISTRICTS:** NY-18, NY-19, NY-20, NY-22, NY-24

**NEW YORK CITY WATERSHED ENVIRONMENTAL ASSISTANCE PROGRAM,  
NEW YORK  
LIST OF PROJECTS, WORK IN PROGRESS**

<b>PROJECT NAME</b>	<b>Project Type</b>	<b>County</b>	<b>Local Sponsor</b>	<b>Total Project Cost</b>
<b><u>WORK IN PROGRESS - Delaware, Greene Counties</u></b>				
Windham Mountain Stormwater	Stormwater Management	Greene	GCSWCD	\$800,000
Hunter Mountain Stormwater	Stormwater Management	Greene	GCSWCD	\$533,333
Tannersville Stormwater	Stormwater Management	Greene	GCSWCD	\$133,333
Sugar Maples Stream	Stream Restoration	Greene	GCSWCD	\$133,333
Sugar Maples Riparian Buffer	Streambank Stabilization	Greene	GCSWCD	\$133,333
Greene County Riparian Buffer Restoration Program	Streambank Stabilization	Greene	GCSWCD	\$1,100,000
Forage Systems Management	Farm BMP	Delaware	Delaware County	\$1,906,667
Stamford WWTP Clarifier	Wastewater Managment	Delaware	Village of Stamford	\$368,000
Mt. Top Library Stormwater Retrofit	Stormwater Management	Delaware	GCSWCD	\$520,000
Third Brook Corridor Mass Slope Failure Mitigation	Streambank Stabilization	Delaware	Delaware County	\$680,000

**NEW YORK CITY WATERSHED ENVIRONMENTAL ASSISTANCE PROGRAM,  
NEW YORK**

**LIST OF COMPLETED PROJECTS**

<b>PROJECT NAME</b>	<b>Project Type</b>	<b>County</b>	<b>Local Sponsor</b>	<b>Total Project Cost</b>
<b><u>COMPLETED - Dutchess, Putnam, Sullivan, Ulster, Westchester Counties</u></b>				
BROAD ST HOLLOW, Town of Shandaken	Stream Restoration	Ulster	Ulster Co. Soil & Water Dist.	\$580,667
Westchester County Stormwater Management Study (including East of Hudson ), CROTON, NY	Stormwater Management/Education-Training	Westchester	Westchester County	\$625,775
PATHOGEN Monitoring Station	Monitoring Station	Westchester	NYCDEP	\$294,667
BROAD ST HOLLOW, Town of Shandaken	Stream Restoration	Ulster	Ulster Co. Soil & Water Dist.	\$580,667
BREWSTER SEWER (Design)	Municipal Sewer	Putnam	Village of Brewster	\$721,000
BREWSTER SEWER (Const)	Municipal Sewer	Putnam	Village of Brewster	\$700,000
STORMWATER Management in CARMEL, NY	Stormwater BMP	Putnam	NYCDEP	\$546,667
Putnam Cty Farm Assessment	Farm BMP	Putnam	Putnam County	\$87,067
CHESTNUT CRK, Town of Neversink	Stream Restoration	Ulster and Sullivan	NYCDEP	\$390,667
SAW MILL RIVER Sewage Pump station Rehab, Mt. Kisco	Municipal Sewer	Westchester	City of Mt. Kisco	\$476,820
NEW CASTLE SEWER	Municipal Sewer	Westchester	Village of New Castle	\$290,000
Frost Valley	Forestry BMP/ Model Forest	Ulster	WAC	\$163,710
ESOPUS CREEK STREAM	Stream Restoration	Ulster	UCSWCD /NYCDEP	\$666,667
PATTERSON SEWER (Design)	Municipal Sewer	Putnam	Town of Patterson	\$385,000

**NEW YORK CITY WATERSHED ENVIRONMENTAL ASSISTANCE PROGRAM, NEW YORK**

**LIST OF COMPLETED PROJECTS**

<b><u>COMPLETED - Delaware, Greene Counties</u></b>				
West Branch Delaware Stream Restoration (Terrace Ave & South St)	Streambank Stabilization	Delaware	Delaware County	\$1,024,000
STAMFORD INFL & INFIL REDUCTION	Sewer Modification	Delaware	Stamford	\$1,850,000
County Road Culvert Lining/ Replacement	Stormwater Management	Delaware	Delaware County	\$1,496,667
PRECISION FEEDING	Farm BMP	Delaware	Delaware County	\$1,240,000
Hunter Landfill	Stormwater Management	Greene	GCSWCD	\$286,667
West Branch of DELAWARE River - Design/Planning	Stream Restoration	Delaware	NYCDEP	\$1,038,577
PRATTSVILLE (DESIGN)	Stream Restoration	Greene	Town of Prattsville	\$71,836
SCHOHARIE & STONY CLOVE	Watershed Planning	Greene	NYSDEC	\$631,987
Agricultural FARM BMP Implementation	Farm BMP	Delaware	WAC	\$178,100
BOVINA SEPTIC (DESIGN)	Municipal Septic System	Delaware	Town of Bovina	\$197,400
Town of Bovina Sewer District Project BOVINA COMMUNITY SEPTIC	Municipal Septic System	Delaware	CWC	\$1,989,400
Bovina Stormwater (Design)	Phosphorus Abatement Program	Delaware	Delaware County	\$160,000
Bovina Stormwater (Construction)	Phosphorus Abatement Program	Delaware	Delaware County	\$733,150

**NEW YORK CITY WATERSHED ENVIRONMENTAL ASSISTANCE PROGRAM, NEW YORK**

**LIST OF COMPLETED PROJECTS**

<b><u>COMPLETED - Delaware, Greene Counties</u></b>				
Walton Stormwater	Phosphorus Abatement Program	Delaware	Village of Walton	\$133,650
STONY CLOVE CRK - Design/Planning	Stream Restoration	Greene	NYCDEP	\$339,000
PRATTSVILLE (CONST)	Stream Restoration	Greene	Town of Prattsville	\$53,333
PHOSPHORUS STUDY (DS) PHOS REDUCT IMPL (CON)	Stormwater BMP	Delaware	Delaware County	\$834,773