

# RCAP Project Highlights



## Where:

Lower Esopus Watershed communities of Hurley, Marbletown, Olive, Saugerties Town, Village of Saugerties, Ulster and the City of Kingston

## Problem:

Severe flooding.

## Solution:

RCAP Solutions, Inc. provided assistance by organizing watershed stakeholders meetings, planning activities, and documenting in-kind contributions to comply with grant requirements. This activity is the basis for water quality and watershed protection activities and management of community wastewater facilities.



*Part of the Esopus  
Watershed*



## Prevention of Catastrophic Flooding

RCAP Solutions is facilitating an investigation of the Lower Esopus watershed to identify the causes of catastrophic flooding along the Lower Esopus stream corridor, as exhibited during the severe floods of April 2005. Recommendations for watershed and stream corridor stewardship will be made as part of a Preliminary Watershed Management Plan to decrease the causes and minimize impacts of severe flood events.

The completed investigation will include:

- ♦ updated mapping of the Lower Esopus Creek corridor,
- ♦ a general watershed assessment of the Lower Esopus Creek to identify and prioritize causes of flood damage, and
- ♦ development of a preliminary management plan, with recommendations both for immediate remediation and for future protection, wastewater management, and water quality.

A series of stakeholder meetings are being held to promote watershed-wide involvement. Representatives from the community, watershed municipalities, and involved agencies at the local, county, state and federal levels are included to ensure broad consensus on the management strategies to be undertaken.

The project is also being coordinated with the U.S. Army Corps of Engineers, who are studying the feasibility of a large-scale project along the Esopus Creek.

RCAP Solutions works with communities to address a broad range of needs, including community infrastructure, and to promote public, environmental, and economic health.

RCAP Solutions is a member of the Rural Community Assistance Partnership. RCAP is a national network of regional nonprofit organizations that provide comprehensive, on-site technical assistance and training to help small, rural communities address their drinking water, wastewater, and other community development needs.

### For more information

Phone: (800) 488-1969

Fax: (978) 630-2751



### E-mail:

smueller@rcapsolutions.org

dschwartz@rcapsolutions.org

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

# Additional Information

## Next Steps for Lower Esopus Watershed Management and Stewardship Project

1. The assessment subcommittee will help refine the scope of work for the stream corridor assessment.
2. A stream consultant will be hired through the RFP/RFQ process to conduct a stream corridor assessment, including:
  - ◆ help gather and interpret existing data,
  - ◆ determine additional data needs,
  - ◆ conduct additional focused data collection to optimize project funds and completion of objectives,
  - ◆ update stream corridor mapping, and
  - ◆ make management and stewardship recommendations.
3. The assessment subcommittee, steering committee, and stakeholders will review corridor assessment and recommendations.
4. An action plan for implementing those management and stewardship recommendations endorsed by the stakeholders will be outlined by the steering committee.

# Additional Projects

PROJECT	COMMUNITY	TYPE
Hurley Town	Hurley	Drinking water
Lower Esopus Watershed Stewardship	Hurley	Drinking water
Lower Esopus Watershed Stewardship	Kingston City	Drinking water
Lower Esopus Watershed Stewardship	Marbletown	Drinking water
Lower Esopus Watershed Stewardship	Olive	Drinking water
Lower Esopus Watershed Stewardship	Saugerties Town	Drinking water
Lower Esopus Watershed Stewardship	Saugerties Village	Drinking water
Lower Esopus Watershed Stewardship	Ulster Town (Ulster Park)	Drinking water
Pine Hill Water District	Shandaken Town	Drinking water
Saugerties Town Water/Sewer	Saugerties Town	Drinking water
Sawkill Watershed Alliance	Kingston Town	Other
Sawkill Watershed Alliance	Ulster Town (Ulster Park)	Other
Sawkill Watershed Alliance	Woodstock Town	Other
Spencer Strategic Plan	Spencer	Drinking water
Woodstock Drinking Water	Woodstock Town	Drinking water