

**New York City Department of Environmental Protection  
Bureau of Water Supply**

**2014 FAD Annual Report Addendum  
Ashokan Basin Stream Projects  
Annual Status Report**

**April 6, 2015**

*Prepared in accordance with Section 4.6 of the NYSDOH  
Revised 2007 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

Pursuant to the Ashokan Basin Stream Projects section of the Stream Management Program Section (4.6) of the Revised 2007 Filtration Avoidance Determination (FAD), DEP is to annually:

**“Submit to NYSDOH/EPA and NYSDEC brief descriptions of proposed projects and anticipated timelines for their completion as projects are identified by Annual Action Plans.”**

NYCDEP and UCSWCD have included the following two projects in the draft 2015-2017 Annual Action Plan that will continue to meet the FAD deliverable requirement:

- **Stony Clove Creek above Wright Road.** This project is the final EWP Program project collaboration with USDA-NRCS utilizing the federal funding authorized following flooding from Tropical Storms Irene and Lee. The project is planned for construction starting in late June 2015 with expected completion by the end of September 2015. Current outstanding items are finalizing acquisition of land access rights and completion of the Storm Water Pollution Prevention Plan. The latter is expected to be completed in early April. The current issue of land access is down to negotiations with three landowners.

The project reach is approximately 2,200 feet of Stony Clove Creek in the Town of Hunter and is intended to re-stabilize and re-dimension the channel damaged during repeat flooding, most recently during the Tropical Storm Irene flood. The project design is complete and will involve re-aligning the channel, constructing floodplain benches, rock revetment at vulnerable streambanks and hill slopes, and installing in-stream flow deflection and grade control structures. An estimated cost for this project approaches \$2,000,000 which will be cost-shared with USDA-NRCS.

- **Woodland Creek and Esopus Creek Confluence.** This proposed project for 2016 is a combination of repairs and modifications to the 2003 Esopus Creek Restoration Demonstration Project damaged during the Tropical Storm Irene flood and an extension of the project up into Woodland Creek to stabilize a section of stream that has approximately 250 feet of failing streambank and adjacent glacial terrace hill slope. The erosion exposes glacial till and possibly glacial lake sediment that can contribute suspended sediment resulting in episodic turbidity during high runoff events. This project is currently in the initial planning stage. Contact with stream adjacent landowners and site assessment work will begin in late Spring 2015. Design will be performed by UCSWCD and completed in late 2015.