

Title of Project: Green Infrastructure Demonstration Practices in the Wallkill Watershed

NEI Job Code: 0100-113-008

Project Code: 2013-004

Contractor: Orange County Soil and Water Conservation District (OCSWCD)

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Project Period: 2/1/2013 to 12/31/2013

Quarterly Report: 4/1/13 to 6/30/13 (Q2)

- **Synopsis of overall project: goals, approaches, timetable:**

This project will install green infrastructure/runoff reduction practices at two separate locations in the Orange County portion of the Wallkill River Watershed. Two practices, a storm water planter and a tree filter, will be installed at the Orange County-owned 18 Seward Avenue building in Middletown. One practice, a bioretention basin, will be installed at the Warwick Valley High School. Both sites will offer excellent public education opportunities. The Seward Avenue practices will be designed by OCSWCD with engineering oversight by Lehman and Getz Consulting Engineers (L&G). The Warwick High School practices will be designed by L&G. Cornell Cooperative Extension of Orange County (CCE of OC), with offices in the 18 Seward Avenue building, will assist with educational outreach and will prepare the planting plan for the Seward Avenue practices. Construction is anticipated in the summer of 2013 with educational component completed by the end of 2013.

- **Task List and Status:**

- Task 1 – Award of Grant and Administrative Set Up (completed)
- Task 1a – Project Management (addressed)
- Task 2 – project planning meeting with OCSWCD and L&G (completed)
- Task 3 – Preparation of detailed designs for three GI practices (completed)
- Task 4 – Installation of three GI practices (two practices nearly complete at Seward Avenue)
- Task 5 – completion of educational component including signage (pending)
- Task 6 – final report (pending)

- **Summary of Activity this Quarter:**
 - Task 3 – OCSWCD has completed a design and construction plan set for the two Seward Avenue practices. The design and construction plan has been reviewed and approved by L&G. The construction plan has been approved by the County of Orange (site owner). CCE of OC and their Master Gardeners completed a planting plan for the Seward Avenue practices. L&G has completed a design and construction plan for the Warwick Valley High School (WVHS) practice. We are in the process of collecting proposals from construction contractors for the WVHS practice.
 - Task 4 – Construction of the storm water planter and tree filter at Seward Avenue is complete. Plantings will take place the week of 7/8. We are collecting proposals for construction of the gutter system that will direct roof runoff to the storm water planter.

- **Problems Encountered:**
 - No problems have been encountered with completion of this project thus far.

- **Changes Anticipated:**
 - No significant changes

- **Summary of activities planned in the next project period:**
 - Task 4 – Complete plantings and gutter system at Seward Avenue. Begin construction of bioretention system at Warwick High School.

- **Completion Estimate** – We estimate that the project is 40% complete.