

**Final Narrative Report**  
**Cooperative Agreement #68-F352-11-011**

All accomplishments and deliverables per Cooperative Agreement referenced above were completed by January 31, 2013.

- Completion of 100% engineering designs for Adams Gut Stabilization Project in the Southgate sub-watershed including construction specifications and buffer landscaping plan.
- Completion of Hope & Carton Hill Road Management Plan.
- Completion of engineering design for Hope & Carton Hill rain garden project.
- Construction of Hope & Carton Hill rain garden.
- Hands-on training for 10 homeowner association members, volunteers and construction industry members who participated in rain garden construction.
- Distribution of printed materials related to impacts of land-based sources of pollution and mitigation strategies to media outlets, St. Croix Environmental Association list-serve, Hope & Carton Homeowner Association members and other community members.

**Administrative**

- SEA contracted Horsley Witten Group to produce engineering designs for Hope and Carton Hill Road Drainage Master Plan and Adams's Gut Stabilization projects.
- Made payment to contractors in timely fashion based on completion of deliverables.
- Coordinated meetings between project partners, local government agencies, and other stakeholders.
- Coordinated rain garden demonstration project including permitting, homeowner communications, securing supplies donations, and construction.
- Reported accomplishments to NRCS staff.
- NRCS staff in St. Croix and Puerto Rico provided valuable technical assistance for this project: review of draft engineering designs, assistance with cost estimates, field assessments, and provision and development of outreach materials.

**Hope and Carton Hill Road Drainage Master Plan**

- Completed topographic survey of Hope and Carton Hill road network.
- Prepared Existing Conditions and Proposed Conditions maps of the road network.
- Held meetings with 33 HOA members to describe project, obtain input on problem areas, and get feedback on proposed improvements.
- Prepared engineering drawings for rain garden construction.
- Constructed and planted rain garden engaging 8 community volunteers.
- Produced Hope and Carton Hill Road Management Plan and distributed to HOA and partners for review and comment (copy enclosed).

**Adam's Gut Stabilization**

- Horsley Witten Group completed 2-foot contour topographic survey of the area proposed for restoration, and extending from the pond embankment to just below the headcut perimeter and to 50 feet on each side of the designated flow path.
- Carried out multiple meetings with landowners, project partners and other appropriate agencies (DPNR, Earth Change) to discuss proposed restoration design.
- Produced engineering designs, construction plans and specifications for gut stabilization.