

5.1 Potential Schoharie Creek/East Kill Restoration Projects for 2007

Project Name: Schoharie Street

Project Location: Village of Hunter

Goals	Benefits/Opportunities	Partners
<p>1. Protect public infrastructure, village road</p> <p>2. Protect private property</p> <p>3. Demonstrate use of Vegetated Reinforced Soil Stabilization (VRSS) as viable option for stabilization of steep slopes.</p> <p>4. Integrate appropriate stream morphology factors as biotechnology (VRSS) in FEMA mitigation project.</p> <p>5. Improve riparian condition and stewardship on reach scale, work with additional owners.</p>	<p>1. Protection of public/private property</p> <p>2. Opportunity to work with Village and owners to reconfigure road and driveways to reduce risk.</p> <p>3. Opportunity to work with new engineering firm (Delaware) and integrate stream morphology in their work.</p> <p>4. Cost-share with Village via FEMA Public Assistance Funds.</p> <p>5. Address chronic problem in Village and protect water quality by slowing up-and-downstream bank erosion.</p>	<p>1. NYCDEP – Funding</p> <p>2. GCSWCD – project coordination</p> <p>3. Village of Hunter – Manpower & Equipment, assist with VRSS</p> <p>4. Delaware Engineering – design</p> <p>5. Landowners – riparian buffers, approve reconfiguration</p>



Left Bank, where VRSS would be installed



Right Bank, potential riparian buffer planting area

Project Name: Lexington Hamlet Projects

Project Location: Town of Lexington

Goals	Benefits/Opportunities	Partners
<p><i>CRT 13A/State Access Culvert</i></p> <ol style="list-style-type: none"> 1. Provide fix for consistent flooding problem 2. Enhance public perception 3. Protect private property 4. Protect public infrastructure 5. Provide passage for biota <p><i>Revegetation/Education</i></p> <ol style="list-style-type: none"> 1. Provide suite of riparian buffer benefits, particularly on lower portion near West Kill once the areas are replanted. 2. Both sites part of DEC fishing access area with an improved parking area. Educational kiosk at DEC parking/access area could provide description of buffer...importance...etc. – could also explain any other project components that may occur here – show map of area...public fishing sites, etc. 	<ol style="list-style-type: none"> 1. Cost-share with County DPW 2. Projects compliment each other thus increasing benefits 3. Strong ecological component 4. Educational kiosk offers opportunity for outreach in a highly visible/public location 5. Assists efforts of Lexington Betterment Committee, thus providing support for local initiative. 	<ol style="list-style-type: none"> 1. NYCDEP – funding for coordination and materials. 2. GCSWCD - project coordination 3. NYSDEC - assist with manpower and equipment on fishing access planting 4. Landowners – funding, permanent easements, in-kind equipment/labor, long-term management plans, funds for easement stewardship 5. Trout Unlimited – Labor for planting



Culvert to be replaced



Riparian Buffer Planting Sites

Project Name: Residential Riparian Plantings

Project Location: Schoharie or East Kill Watershed

Goals	Benefits/Opportunities	Partners
Enhance riparian buffer in backyard type setting: <ol style="list-style-type: none"> Pilot buffer program for residential properties. Provide suite of benefits provided by riparian vegetation. Pilot working with private homeowner. 	<ol style="list-style-type: none"> Cost share with homeowner Pilot backyard buffer program Protect water quality 	<ol style="list-style-type: none"> NYCDEP – funding for coordination and materials. GCSWCD - project coordination/planting Land owner – Cost share



Potential Riparian planting site along the Schoharie Creek



Potential Riparian planting site along the East Kill



Potential Riparian planting site along the Schoharie Creek