

**Preliminary Information to Support Proposed Project Ideas for Addressing Water Quality and Habitat Protection and Restoration in the Cayuga Lake Watershed**

**PROPOSED PROJECT #16: Middaugh Farm, Town of Caroline**

**Proposed Project Category: can address more than one issue**

1. Stormwater management and erosion control
2. Wetland & Riparian Corridor Management

**Does project relate to/advance any existing local, regional, watershed, or statewide plans?**

Cayuga Lake Watershed Restoration and Protection Plan

**Proposed Project Location:** Middaugh Farm on Rte. 79 west of Creamery Rd/Six-Mile Creek

**Landowner:** Private property; Middaugh, LLC.

**Issue to be addressed:** Bed and bank erosion. Farmland loss. Sediment transport/turbidity. Nutrient transport. They had a farm crossing and the channel has eroded it down so much that they can't use it. Stream is also eroding the bank, so there is sediment transport and taking the field away. Bed and bank erosion, farm land loss, sediment transport. Concern by land owner and tenant farmer.

**Proposed Project or Action:** Integrated stream management. Erosion control and stream alignment. Stream bed grade control, energy dissipation, stabilize sinuosity, connect to floodplain, bank vegetation, channel realignment. Re-establish farm crossing.

**Is the proposed project or action based on standard practices typically employed for the issue at hand**  
Yes.

**Current Project Readiness** needs to be resurveyed and designed

**Approximate Project Timeframe** 12 months.

**Approximate Cost** \$150,000 - \$200,000

**Potential Local Match Source** possible NRCS involvement due to agriculture; possible small land owner contribution; possibly Tompkins County habitat fund (total of \$25K/year)

**Contact(s) for Additional Information** Barry Goodrich