

**Project Description** - The Mahantango Creek Watershed Streambank Stabilization & Habitat Improvement project (Mahantango Project) sites we located on Little Mahantango Creek (Oxenrider site) and Deep Creek (Masser and Barnes sites) in Upper Mahantongo, Hubley & Hegins Townships, Schuylkill County, PA. Sediment erosion due to unstable streambanks is a reason Mahantango Creek is listed in the 2022 Integrated Water Quality Monitoring Assessment Report as impaired for Aquatic Life Use due to Cause: Siltation/Sediment from Source: Agriculture. Historical agricultural practices have resulted in the Mahantango Project sites having high (upwards of six feet), vertical unstable streambanks that are actively eroding despite the establishment of riparian vegetation. Sediment from these sites is eventually transported downstream to Mahantango Creek, a tributary of the Susquehanna River, and ultimately conveyed to the Chesapeake Bay. The Mahantango Project stabilized 3,800 linear feet of streambanks resulting in reduced sediment loading and improved water quality in the Mahantango Creek Watershed and ultimately the Chesapeake Bay.

**Project Timeframe** – December 11, 2018 through December 10, 2023

**Project Goals** - Reduce sediment pollution from eroding streambanks and improve water quality in the Mahantango Creek Watershed.

**Pictures** –



**Project Results** - Stabilized a total of 1,245 linear feet of streambanks utilizing 19 structures at the Masser Site, 1,315 linear feet streambanks utilizing 13 structures at the Oxenrider Site and 1,240 linear feet of streambanks utilizing 74 structures at the Barnes Site

**Project Costs** - \$108,971 Growing Greener plus an additional \$28,722 in match funds.

**Partners** - Schuylkill Conservation District, Tri-Valley Watershed Association, Trout Unlimited, David Masser, John & Elizabeth Oxenrider and Claire Barnes

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