

Project Description - Located in Frailey Township, Schuylkill County the Good Spring Creek (GSC) Floodplain Phase 1 Project (Phase 1) is along a section of GSC which is “pinched” between a railroad bed embankment to the north and unconsolidated coal waste material/soil banks (known as the Donaldson Culmbanks) to the south for nearly 4,600 linear stream feet. The Donaldson Culm Bank eliminates the natural floodplain with severe erosion and unstable streambanks present along this 4,600 linear feet section of GSC in the project area. Sediment entering GSC from this site is eventually transported downstream to Swatara Creek, a tributary of the Susquehanna River, and ultimately conveys the sediment to the Chesapeake Bay. Communities in Dauphin, Lebanon and Schuylkill Counties along the entire length of Swatara Creek experienced flooding with several severe flooding events occurring since 2006. In Schuylkill County the Boroughs of Tremont and Pine Grove and Pine Grove Township experienced the greatest damage from flooding in the Swatara Creek Watershed.

Project Timeframe – December 07, 2017 through December 31, 2020

Project Goals - Restore floodplain, wetlands and riparian area to reduce downstream flooding and improve water quality in the Swatara Creek Watershed.

Pictures –



Project Results - The Phase 1 Project as constructed about six acres of lowered area to become floodplain, wetlands, riparian zone and stabilized streambanks along about 2,100 feet of GSC to ease downstream flooding and improve water quality.

Project Costs - \$230,000 Growing Greener plus an additional \$300,000 in match funds.

Partners - Schuylkill Conservation District, Pine Grove Borough, Pine Grove Township, Tremont Borough, Tremont Township, Frailey Township, Northern Swatara Creek Watershed Association, PA DEP, Schuylkill Economic Development Corp., YZ-05, Inc., County of Schuylkill, PA Rep. Mike Tobash, PA Senator Dave Argall, LandStudies (consultant), Alfred Benesch Co. (consultant) and Arthur “Pat” Aungst Inc. (contractor).

Contact Information - Schuylkill Conservation District, schuylcd@co.schuylkill.pa.us