

Project Summary – One Page Project Summary Handout

Bullion Run Sediment Reduction and Habitat Improvement Project
Project #C990000719
Grantee: Trout Unlimited

Project Description - Pennsylvania is blessed with over 86,000 miles of streams and rivers and some of the highest quality coldwater habitats. Unfortunately, many coldwater streams have become degraded through past land practices and are in need of improvement. The purpose of this project was to stabilize streambanks to reduce sediment and nutrient pollution and increase habitat for trout and other coldwater organisms. More specifically, the focus of this project was to use a variety of in-stream best management practices and stabilization structures to reduce sediment and nutrients within the Bullion Run watershed in Venango County.

Project Goals - The goals of the project were to improve and restore 1,000 feet of stream with 17 habitat enhancement structures and reduce 15,600 pounds of sediment annually in Bullion Run.

Project Results - Two projects were completed from summer of 2021 through summer of 2023 by Trout Unlimited staff, the Scrubgrass Creek Watershed Association, and a hired Contractor under the construction oversight of Trout Unlimited. In total, 46 fish habitat and streambank stabilization structures were installed. The project led to the restoration of 6,280 feet of stream and the reduction of an estimated 30,742 pounds of sediment pollution annually.

Pictures

Before: Streambank erosion



After: Stream stabilized with habitat structure



Project Costs - \$66,887 – Growing Greener plus an additional \$10,050 in matching funds from the Scrubgrass Creek Watershed Association.

Lessons Learned - This project confirmed that strong partnerships and good pre-grant planning make for manageable and successful projects

Partners - PA DEP, Scrubgrass Creek Watershed Association, Richard King Mellon Foundation, Hickman Lumber Company, Christopher E. Moore, LLC.

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