

Wilson Run, Chesterbrook Stream Restoration Project
Tredyffrin Township, Chester County, PA
Environmental Stewardship/Watershed Protection Grant SE 16-03078
Doc. #4100080701-1 Final
8/6/2021

Wilson Run-Stream Restoration Project
Environmental Stewardship/Watershed Protection Grant SE 160082
Grantee: Valley Forge Chapter, Trout Unlimited

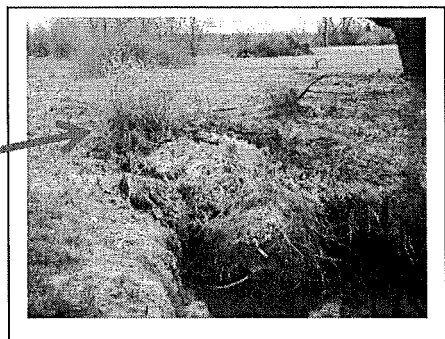
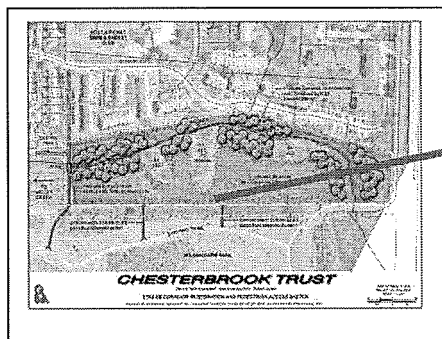
Project Description Wilson Run is a critically important tributary of the Valley Creek, which is an exceptional value stream in Chesterbrook, Chester County. Prior to this project, the portion of Wilson Run, which flows through the property of Chesterbrook Parcel 1 experienced major erosion and scouring caused by stream channel obstructions, outdated residential and commercial stormwater management and inadequate riparian buffer and habitat. This project was for the design, construction and implementation of a stream restoration for the Wilson Run. Project Timeframe: December 2017-June 2021.

Project Goals Prepare a survey, plan, design and construction implementation of a stream restoration and water quality improvement project for 1,400 linear feet of Wilson Run to remove channel obstructions, repair erosion and scouring, create a flood storage area and establish a vegetated forested riparian buffer for reduced sediment loads, cooler water temperatures and increase biological life in Wilson Run and the Valley Creek Watershed.

Project Results A site survey, concept and engineered site plans and construction of the revised stream channel, habitat-flood storage area and vegetated buffer were implemented to improve the health of Wilson Run and Valley Creek for local and regional residents.

Photographs:

Before and After photographs (LIMIT TO 2 PHOTOS)



Project Costs Total Project Cost: \$157,178; Growing Greener Grant: \$130,812, Local Match: \$26,366

Lessons Learned Timely and direct coordination for implementation and maintenance of protection measures, primarily for deer, are crucial for success.

Partners Chesterbrook Trust Parcel 1 Master Association and Gilmore & Associates, Inc. with support from Valley Forge Trout Unlimited and James R. Kenney Excavating & Paving Inc.

Contact Information Trout Unlimited, Valley Forge Chapter President, Pete Hughes, (610) 827-9239, peteg5020@gmail.com