

## DEP GROWING GREENER

### ONE PAGE PROJECT SUMMARY HANDOUT

#### GROFF FARM FLOODPLAIN RESTORATION CONSTRUCTION - C990002498

##### Statement of problem being addressed:

The project site was exhibiting a historic issue of high nitrogen loads and erosion along the east fork of Big Spring Run, contributing to pollutant loading in the Mill Creek Watershed and Chesapeake Bay Watershed.

##### Project goals and practices installed:

The purpose of the floodplain restoration construction was to implement practices intended to yields benefits in terms of sediment/nutrient reduction, flood reduction, invasive species removal, native species introduction, and increased stability of the overall system. The project included 2,300 linear feet of Big Spring Run and an unnamed tributary to Big Spring Run (2,000 LF and 300 LF, respectively) and the creation of 5+ acres of riparian habitat including approximately 3.3 acres of floodplain wetlands.

##### Partners involved:

West Lampeter Township; LandStudies, Inc.; TeamAg; Harvey and Yvonne Groff (landowners); Flyway Excavating, Inc.

Costs: Grant award of \$600,000    Match amount of \$300,000

Pollutant load reductions:    Nitrogen: 146 lb/yr; Phosphorus: 68 lb/yr; Sediment: 131,552 lb/yr

Contact Info:    Amanda Hickman, Assistant Township Manager West Lampeter Township  
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##### Representative color pictures:

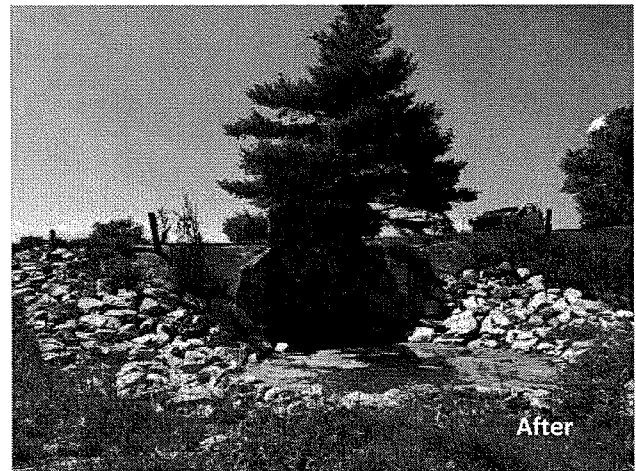


Photo of culvert under driveway facing upstream