



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACTSHEET

**Southampton Creek Stream Restoration
Bucks County, PA**

January 2009

CONGRESSIONAL DISTRICTS: Rep. Murphy (PA-8)

APPROPRIATION / PHASE:

Continuing Authorities / Design and Implementation

BUSINESS PROGRAM:

Ecosystem Restoration

AUTHORITY: Section 206, Water Resources Development Act of 1996.

LOCATION: The study area is located along Southampton Creek in Upper Southampton Township, Bucks County, Pennsylvania. Southampton Creek is the northeastern tributary of the Pennypack Watershed. The creek flows through the southwestern portion of Upper Southampton Township and has a total drainage area of 5.8 square miles.

DESCRIPTION: The study area is in a highly developed suburban section of Upper Southampton Township. Southampton Creek is classified as an urban stream on the EPA and the State list of impaired streams. There are excessive levels of nutrients, suspended solids, pathogens and metals in the stream water. It is polluted by both point and non-point sources.

The goal of this project is to restore bank stability, improve aquatic habitat, and re-establish the sediment transport cycle in Southampton Creek. This will be accomplished by applying the principles of fluvial geomorphology to the stream restoration design. Restoration of the stream banks and riparian buffer will greatly reduce the influx of pollutants. The improvement of the water quality in Southampton Creek will have many positive impacts to the riparian ecosystem.

The Design and Implementation Phase will evaluate several alternatives to maximize environmental benefits along the creek. The Corps has contracted the U.S. Fish and Wildlife Service's stream restoration experts to design this project.

STATUS: FY07 funds in the amount of \$2K were used to initiate the design phase. FY08 capability funds in the amount of \$250K will be used to complete the design.

FINANCIAL

DATA (\$000)	Fed	Non-Fed	Total
Feasibility	118	0	118
Design & Implementation	1,252	814	2,066
TOTAL	1,370	814	2,184

BUDGET

DATA (\$000)		Comments
Thru FY 05	118	
FY 06	0	
FY 07	2	
FY 08	250	FY 08 capability
FY 09	TBD	

Southampton Creek Stream Restoration, Bucks County, PA *(continued)*

SPONSOR: Upper Southampton Township

PROJECT MANAGER: Heather Jensen
(215) 656-6586
heather.n.jensen@usace.army.mil