

Southampton Creek Restoration Project

Philadelphia District

The goal of the Southampton Creek Restoration Project is to restore bank stability, improve aquatic habitat, and re-establish the sediment transport cycle in Southampton Creek. The project was authorized under section 206 of the Water Resources Development Act (WRDA) of 1996.

Restoration of the stream banks and riparian buffer will reduce the amount of pollutants entering the creek. The riparian buffer will act as a sponge and filter to runoff from nearby streets and yards before it can reach the creek. Healthy vegetation surrounding the creek (the riparian buffer) and on the stream banks will filter stormwater runoff, reducing sediment and pollutants from running into the creek. Stream restoration features and wetlands will be incorporated into the design to retain and absorb stormwater. The vegetation will also stabilize eroding stream banks and provide habitat for various riparian species such as, invertebrates, amphibians, reptiles, and small mammals.

Total Project Cost: Approximately 1.5 M

Monitoring Cost: Approx. \$50,000