

Project: Old Forge Crossings Streambank Restoration Project
Location: Devon, Chester County, Pennsylvania
Client: Old Forge Crossings Condominium Association

Aqua Link, Inc. was retained by the Association to stabilize and restore severely eroding streambanks at the Old Forge Crossings condominium housing development. The project design involved the utilization of natural stream channel design and soil bio-engineered principles.

The overall goal of this project is to reduce high levels of sediments and associated nutrient loadings to an on-site pond owned by the Association. Based on field reconnaissance of the watershed, streambank erosion along the pond's major tributary was identified as the major source of sediments and nutrients. An additional goal of this project was to increase the aesthetics of the riparian corridor surrounding this tributary.

Aqua Link and a selected contractor stabilized over 500 feet of eroding streambank. Streambanks were stabilized using a combination of placed rock, coir fiber biologs, coir fiber erosion control fabrics and both herbaceous and woody planting materials as shown below.

