

Pine Creek Streambank Rehabilitation

Schuylkill River restoration Fund and BCCD Clean Water Fund



Figure 1: Back-to-back storms has scoured out ~ 8 ft. of streambank next to Township foot bridge abutment and Coult Property. Active erosion and significant downstream sedimentation is visible on Pine Creek an Exception Value stream in Pike Township, Berks County.



Figure 2: Native rock was imported from a local property and installed around 2 rootwads to deflect stormflows away from the bank and protect a foot bridge abutment.



Figure 3: A newly formed stream channel threatens riparian plantings. The streambanks remain very unstable with sluffing and over hanging streambanks.



Figure 3: Native stone was used to create a rock toe along the stream channel. Soil lifts, erosion control matting, live stakes, and tree plantings were used to stabilize the streambank.



Figure 1: District staff helped stabilize the site with a ERNST native floodplain mix, straw mulching, matting, and planting over 200 live stakes. An additional 50 trees & shrubs were planted by the home owners.