

Nancy Run Tributary Restoration Project
Growing Greener Plus Grant Program – Project # C990000786
Bethlehem Township

PROJECT DESCRIPTION: A tributary to Nancy Run flows through Bethlehem Township's Municipal Park, impacted by upstream development and stormwater. Project partners worked together on design, permitting, and construction of a stream restoration project in the park. This included streambank grading and stabilization, seeding and matting, and riparian buffer planting.

PROJECT GOALS: Addressing streambank erosion, increasing floodplain storage, improving water quality, establishing wildlife habitat

PROJECT RESULTS: The project resulted in the stabilization and restoration of 650 linear feet of degraded stream in the park. It also established 85 native trees and shrubs to create a riparian buffer along the previously mowed stream corridor. According to modeling on FieldDoc, the completion of this project will remove 12,125 pounds of sediment, 90 pounds of nitrogen, and 53 pounds of phosphorus annually.



PROJECT COSTS: \$176,024.68 in state funding and local match

LESSONS LEARNED: A simpler approach is sometimes best – simplifying the scope allowed us to save on costs and develop an effective strategy of combined stream restoration and naturalization.

PARTNERS: Wildlands Conservancy; The Pidcock Company provided designs/engineering and Bi-State Construction completed stream restoration

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