Plum Run Stream Restoration
Project Fact Sheet

- Plum Run Focus Area- an impaired tributary to Brandywine Creek
- BRC Red Streams Blue Stream Restoration Plan priority watershed
  - Eight projects completed since 2010,
  - 9,570 feet (1.8 miles) of stream restored
- Collaborative effort with:
  - Six Brandywine-Christina Cluster Partners; Brandywine Conservancy, Stroud, Natural Lands, UD Water Resources Center, The Nature Conservancy (DE Chapter), Brandywine Red Clay Alliance
  - Municipalities in the Plum Run Watershed; West Goshen, West Chester Borough, East Bradford, Birmingham
  - More than 9 private land owners
  - Delaware River Watershed Initiative (DRWI); Brandywine-Christina Cluster

Project at Tigue Road from WCU property line to Strode’s Mill:
- 4,470 feet of stream restored in three phases in this section,
- Design phase completed and all permits acquired in 2018
  - **Phase 1** completed in 2019, 1,982 feet restoration on Tigue Road, open space from Toll Brothers development, with East Bradford Twp.
  - **Phase 2** completed in 2020, 1,583 feet restored to old mill dam, includes two private parcels
  - **Phase 3** completed, 2021, 905 feet restored from old mill dam to historic Strode’s Mill site

**Benefits of project:**
- Stabilizes eroded stream banks
- Reduces sediment and nitrogen pollution, helps municipal Pollution Reduction Plans
- Improves fish and wildlife habitat
- Provides aesthetic impact at new trails and recreation plans
- Coordinated with park improvement and trail plans
- Opportunity to educate environmental and historical features with Plum Run and Strode’s Mill.
• **Partners:**
  - East Bradford Twp.
  - Strode's Mill Historic District
  - Brandywine Conservancy’s Plum Run Stormwater Assessment
  - Stroud Water Research Center on 9 acre riparian buffer planting

• **Funding Provided by:**
  - Chester County Preservation Program
  - East Bradford Township
  - National Fish and Wildlife Foundation
  - PA Commonwealth Financing Authority, Watershed Protection Program
  - PADEP Growing Greener Fund
  - William Penn Foundation

• **Contractors:**
  - Clauser Environmental, LLC
  - Flyway Excavating

• **Project Photos:**

  ![Pumping for excavation in dry stream](image1)
  ![re-graded stream banks in Phase 1](image2)
  ![Riparian Tree Planting in Phase 2](image3)
  ![Volunteer tree planting crew](image4)
Funding for these projects has been provided by PADEP Growing Greener Grants, TreeVitalize, National Fish and Wildlife Foundation (NFWF) and the William Penn Foundation.