

Stream Restoration on Mill Run at 7th and Cheltenham

Infrastructure Project

Tacony-Frankford Watershed



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Status: Monitoring

Partners:

Cheltenham Township (CT)

PA Department of Environmental Protection (DEP)

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Completed in May 2005, this project made bank revetment and channel modifications to the stormwater outfall on the northwest corner of Cheltenham Avenue and 7th Street in Philadelphia. The goal of the project was to clear the concrete pad at the outfall, regrade 90 linear feet of the natural channel bottom, and stabilize the stream banks. These modifications have improved the flow of water from the outfall to the natural channel and help prevent ponding on the concrete pad.



Benefits:

- Stream bank stabilization measures featuring soil bioengineering and natural channel design
- A healthy, vegetated riparian zone to add biological diversity to the stream system
- Enhanced, in-stream aquatic habitat
- Mitigation of the effects of storm flow on the stream by decreasing the erosive effects of the stormwater and decreasing the quantity of water that ponds just downstream of the concrete pad



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