

# Stream Restoration of Cobbs Creek at Marshall Road

## Restoration Project

## Darby-Cobbs Watershed



Downstream view of Cobbs Creek post construction



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**Status:** Monitoring

### Partners:

Academy of Natural Sciences  
City of Philadelphia

Delaware River Basin Commission (DRBC)  
PA Department of Environmental Protection (DEP)  
US Fish and Wildlife Service (USFWS)

ArmyCorps of Engineers  
Cobbs Cr Community Environmental Education Center (CCCEEC)  
Fairmount Park Commission (FPC)  
Pennsylvania Environmental Council (PEC)

### Stream Restoration of Cobbs Creek at Marshall Road...

- Implemented restoration techniques targeted at removing stream impairments and restoring ecological resources.
- Served as a pilot project for habitat restoration, stream bank stabilization, natural channel design, water quality improvement, and infrastructure protection.
- Mitigated the impacts of urban runoff and non-point source pollution.
- Restored native vegetation to the riparian corridor to enhance bank stability.
- Reduced the likelihood of further stream erosion and exposure of sanitary sewage infrastructure.
- Completed a fluvial geomorphologic assessment of the Cobbs Creek to serve as a tool for integrated bank stabilization/habitat restoration for this and future projects.



Tree and shrub planting at the restoration site

### Benefits:

- A stable channel in dynamic equilibrium with its surrounding watershed
- Stream bank stabilization measures featuring soil bioengineering and natural channel design measures that protect infrastructure and the environment
- A healthy, vegetated riparian zone to add biological diversity to the stream system
- Enhanced, in-stream aquatic habitat
- Opportunities for the community to learn about stream ecology and morphology

Upstream view of Cobbs Creek post construction

Clean Water.....  
Green City  
www.phillyriverinfo.org

