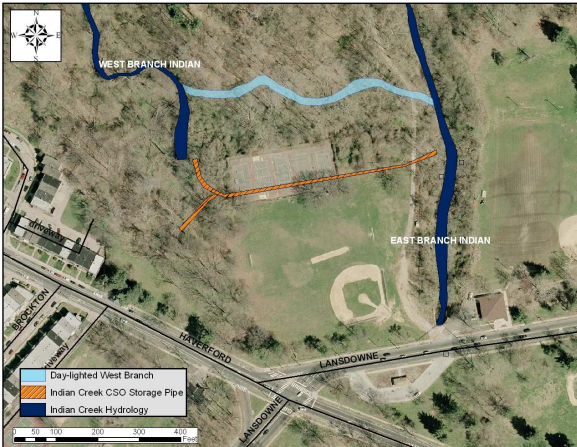


CSO Abatement and Stream Daylighting of Indian Creek

Infrastructure Project

Darby-Cobbs Watershed



Contact: Marc Cammarata
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Status: Proposed-Short Term

Partners:

Cobbs Cr Community Environmental Education Center (CCCEEC)
Fairmount Park Commission (FPC)

Environmental Protection Agency (EPA)

PA Department of Environmental Protection (DEP)

CSO Abatement and Stream Daylighting of Indian Creek...

The East and West branches of Indian Creek are tributaries to Cobbs Creek. A portion of the West Branch of Indian Creek has been enclosed in a combined sewer for some time now. During storm events, the combined sewer is overwhelmed resulting in overflows that dump raw sewage into Indian Creek and ultimately Cobbs Creek. Urbanization of the watershed has increased the storm flows that fill the sewer with sediment and debris leading to frequent flooding of the area during even minor storm events. For this project, a new stream channel will be designed and constructed which connects the West Branch of Indian Creek to the East Branch of Indian Creek and bypasses the sewer system.



Benefits:

This project will remove the flow from the West Branch of Indian Creek from the combined sewer thereby greatly reducing sewer overflow events, decreasing flooding of the park by providing a route for the water to go, and restoring the stream to a more natural state which will improve habitat in the area. Approximately 650 ft to 1000 ft of channel, including pools and riffles, would have to be constructed.

- Creates 665-1000 ft of new stream and associated aquatic habitat
- Reduces discharges from the CSO to EPA required performance criteria
- Greatly reduces need for new infrastructure required to control CSOs in the Cobbs Creek Watershed by innovatively reconfiguring existing sewers



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