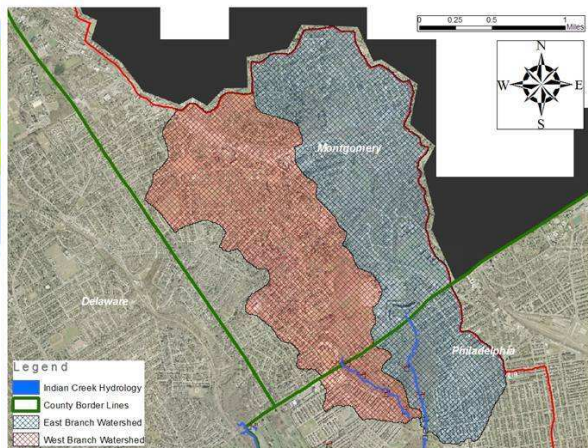


Indian Creek Day-lighting

Restoration Project



Darby-Cobbs Watershed



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Status: Proposed-Short Term

Indian Creek Day-lighting...

Indian Creek is a 2nd order tributary to the mainstem of Cobbs Creek. The characteristics of this site allow for reductions in CSO volumes, stream day-lighting, and the implementation of natural stream channel design (NSCD) principles. In total, this project will result in almost two acres of stream habitat enhancement and restoration. The concept behind this project is to design and construct a new stream channel to the east branch of Indian Creek that completely bypasses the combined sewer system. This will greatly reduce sewer overflow events. The components of the project include day-lighting and natural stream channel design of West Indian Creek, C-05 In-System Storage, and the natural stream channel design of East Indian Creek.

Benefits:

- Increased habitat heterogeneity
- Enhanced aquatic and riparian habitat
- Increased ecological stability
- Decrease stream volume being routed to treatment plant
- Improved biological integrity
- Minimize erosion and stabilize stream banks in the areas adjacent to the confluence
- Sediment reduction
- 68 % Reduction Average Annual C-05 CSO Volume
- Reduction in Average Annual C-05 Overflow frequency from 31 events/yr to 4 events/yr



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