

CSO Abatement by Diversion of Mill Creek

Infrastructure Project

Schuylkill Watershed



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Status: Proposed-Short Term

Partners:

Philadelphia Water Department

US Army Corp of Engineers (USACE)

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Sanitary and stormwater flows from Montgomery County and Philadelphia form tributaries to the Mill Creek Combined sewershed. This sewershed was once the Mill Creek watershed and, as the area developed, the stream was encapsulated within a sewer system that now conveys stream flow, sanitary waste, and stormwater runoff. During some wet-weather events stormwater runoff exceeds the treatment capacity of the sewer system and the combined sewage is discharged to the Schuylkill River through a combined sewer overflow regulator. The proposed project is to divert the stream flow generated in Montgomery County from the combined sewer by constructing an alternate channel to either the Schuylkill River via City Line Avenue or to the East Branch of Indian Creek.



Benefits:

- The proposed project would reduce the surface area contributing flow to the Mill Creek combined sewer by 28%, significantly reducing the amount of combined sewer discharge and localized street flooding.

