

CSO Abatement of Tacony Creek at Logan Triangle

Infrastructure Project

Tacony-Frankford Watershed



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Status: Proposed-Short Term

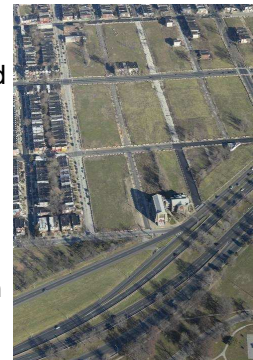
Partners:

Neighborhood Transformation Initiative (NTI)
US Army Corp of Engineers (USACE)

Philadelphia Water Department

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During the past few decades, approximately 957 homes in the Logan Neighborhood of Philadelphia were demolished due to subsidence. The US Army Corp of Engineers recommended excavation of the area, removal of the fill, and replacement with new fill. The site is adjacent to the largest combined sewer in the City of Philadelphia. This project includes a feasibility study and design of a 60 million gallon storage facility that would be constructed in place of the proposed new fill material. This tank would reduce combined sewer discharges to the Tacony Creek by 600 million gallons per year and eliminate the need for \$26 million in costs for bringing new fill to the site. The construction would provide a stable environment for future redevelopment of the neighborhood.



Benefits:

- Reduces average annual combined sewer discharges by as much as 600 million gallons
- Restoration of subgrade will be suitable for re-development
- Eliminates undesirable land uses throughout the neighborhood, thereby creating opportunities for new construction
- Productive re-use of vacant land



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