

Elimination of CSO Outfall from Dobson's Run Sewer

Infrastructure Project

Schuylkill Watershed



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Status: Design

Partners:

Philadelphia Water Department

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This project included the reconstruction of the storm and sanitary sewer from Wissahickon Ave. to Roberts Ave. and the elimination of overflow chamber R22, located at Stokely & Roberts. During construction, temporary dams were installed in the Dobson's run storm sewer. Flow was diverted to the Wissahickon high level interceptor at Stokely St. and Roberts Ave. through hydraulic control point R22 and to the Upper Schuylkill East Side interceptor at South Ferry Road and Kelly Drive through temporary CSO S01T. With the dams in place, new construction in the upper reaches allowed R22 to be removed from service. Final phases of construction removed S01T from service and eliminated all CSO discharge from the site.



Benefits:

- Eliminates two of the city's intercepting chambers
- Completely eliminates CSO overflows at the site resulting in a 173 million gallon reduction of overflow volume on an average annual basis



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