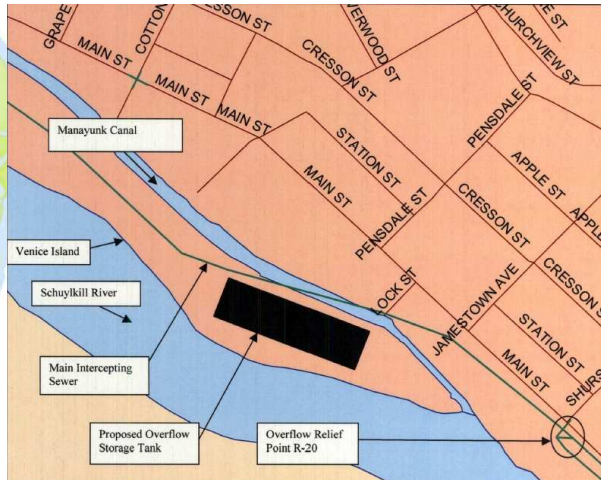


Elimination of Outfall at Main and Shurs Infrastructure Project

Schuylkill Watershed



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Status: Design

Partners:

PA Department of Environmental Protection (DEP)

Philadelphia Water Department

Elimination of Outfall at Main and Shurs...

The capacity of the interceptor sewer at Main Street and Shurs Lane is no longer sufficient during large rainfall events. This lack of storage space in the system results in overflows, which divert into the Schuylkill River. The most feasible and cost effective solution to eliminate this problem is to construct approximately 2.5 million gallons of off-line storage as close to the existing overflow as possible. The lower end of Venice Island has been determined to be a suitable location for this storage. The parking lot will be replaced with a low impact facility that captures and treats stormwater runoff and also provides river access to the Schuylkill Environmental Center.



Benefits:

- Construction of the off-line storage facility will eliminate all sewage discharges from the existing overflow location which is above a drinking water intake.
- It will reduce the occurrence of basement and street level flooding directly associated with the interceptor during large rainfall events.
- There will be a reduction in stormwater runoff and associated pollutants to the Schuylkill River.
- The site serves as a prototype for future city parking lots

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