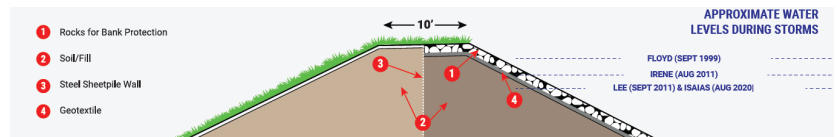


EASTWICK COMMUNITY FLOOD RESILIENCE STRATEGIES: COBBS CREEK LEVEE

This levee would be an earthen berm along Cobbs Creek that would stop floodwaters from entering Eastwick at the Planet Streets.

A levee would decrease the amount and intensity of flooding and protect homes, property and infrastructure in parts of Eastwick. However, it would not prevent other sources of flooding, such as tidal coastal flooding and chronic flooding from sea level rise from entering Eastwick in other locations. The levee would be one part of an overall plan for flood resilience.



The levee would connect to higher ground on either side: the Clearview landfill to the south and Cibotti Park to the north. The U.S. Army Corps of Engineers (USACE) is looking at a levee that is about 15 feet high with a 10-foot-wide crest on top (picture a walking trail on top of the levee). The base may be about 70 feet wide. USACE would plant the sides of the levee with grasses, and rocks and stones would be used to stop erosion where needed, with pipes through the levee in certain locations to move rainfall from the landside of the levee to the creek side.

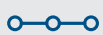


For illustrative purposes only

USACE released a draft plan in August 2023 and received hundreds of public comments. USACE is working on finalizing a plan based on those comments along with more information and analysis. The final plan will include other complementary measures to address upstream and downstream flood impacts from a levee.

Benefits and Challenges of Levees

Benefits	Challenges
<ul style="list-style-type: none"> Blocks floodwaters from Cobbs Creek (reduced flood risk to most impacted homes). Many residents are familiar with the concept due to the Army Corps study. Residents can remain in their homes. Blends in with current landscape. 	<ul style="list-style-type: none"> Concerns with construction of levee near Clearview Landfill. Will require significant coordination with Delaware County to implement, including citing additional measures to account for flood impacts. Is not a holistic solution to address all current and future flood risk in Eastwick.



Realization Timeline:
~5–10 years



Potential Funding:
Levee: USACE, City Funding



Lifespan:
Permanent, with a regular maintenance program

Complementary Measures: Various funding sources, such as FEMA and National Oceanic and Atmospheric Administration.

NOTE: This is a draft document. We are learning more about this measure all the time. Is information missing?
Let us know at eastwick@phila.gov.



US Army Corps of Engineers
Philadelphia District



City of Philadelphia



FEMA