



# City of Philadelphia

## Office of Emergency Management

Fire Administration Building  
240 Spring Garden Street, Lower Level  
Philadelphia, PA 19123

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June 29, 2023

The Philadelphia Office of Emergency Management (OEM) received official approval from the Pennsylvania Emergency Management Agency (PEMA) and the Federal Emergency Management Agency (FEMA) Region 3 on May 26, 2023, to formally amend the current 2022 Philadelphia All-Hazard Mitigation Plan to include the following mitigation actions. These new mitigation actions fulfill all requirements of a hazard mitigation project and align with existing mitigation goals and objectives as defined in the 2022 plan and were approved by the City's Hazard Mitigation Steering Committee.

Potential Action #2.2.12	
<b>Description</b>	Support the USACE production of inundation level mapping for the Schuylkill River alongside the remapping of the floodplain to reflect the impact levels available for USGS gauge 01474500.
<b>Hazard</b>	Flood; Hurricane
<b>Lead Agency</b>	PWD/ USACE
<b>Project Type</b>	Local Planning and Regulations
<b>Goals &amp; Objectives</b>	Goal 2, Objective 2.2
<b>Implementation</b>	This project is intended to use the resources that the Philadelphia Water Department has to assist the US Army Corps of Engineers. The inundation maps in Philadelphia are outdated and PWD is interested in using updated maps for grant applications and other hydraulic modeling projects.
<b>Potential Funding Sources</b>	USACE

Potential Action #4.3.8	
<b>Description</b>	Montgomery Creek infrastructure repair at the approach to Black Road and I-76
<b>Hazard</b>	Subsidence
<b>Lead Agency</b>	PPR
<b>Project Type</b>	Structure and Infrastructure; Natural Systems Protection
<b>Goals &amp; Objectives</b>	Goal 4, Objective 4,3
<b>Implementation</b>	An engineering consultant was hired to complete an initial assessment. Due to the lack of visibility of infrastructure combined with adjacency to I-76 and other railroads and roads, the solution could be complex.
<b>Potential Funding Sources</b>	Capital Budget

Potential Action #4.4.3	
<b>Description</b>	Develop a phased implementation strategy for optimizing the use of biogas at NEWPCP and SWWPCP, including better utilization of biogas today and developing a plan for the future (including upgrading biogas to Renewable Natural Gas).
<b>Hazard</b>	Multi-hazard

<b>Lead Agency</b>	PWD
<b>Project Type</b>	Structure and Infrastructure
<b>Goals &amp; Objectives</b>	Goal 4, Objective 4.4
<b>Implementation</b>	PWD facilities are currently flaring a lot of the biogas created from the sewage treatment process and PWD is looking to reduce the flaring of the gas.
<b>Potential Funding Sources</b>	PWD Operating and Capital Budget, P3

<b>Potential Action #2.1.10</b>	
<b>Description</b>	Interim flood mitigation measures to provide short-term relief to flooding in Eastwick while a community-driven long-term flood resilience strategy is being developed. Initial analysis indicates one such measure could be a soil-filled flood barrier (for example, using HESCO Floodline Barriers) along the Cobbs Creek in Eastwick where riverine flooding typically overflows into the Eastwick community.
<b>Hazard</b>	Flooding
<b>Lead Agency</b>	OOS (lead), OTIS, OEM, PWD, PCPC, PPR (support)
<b>Project Type</b>	Structure and Infrastructure; Natural Systems Protection
<b>Goals &amp; Objectives</b>	Goal 2, Objective 2.1
<b>Implementation</b>	Current work is focused on the feasibility of a temporary solution in Eastwick before the permanent solution is implemented as well as what a possible alignment for any temporary protection would be.
<b>Potential Funding Sources</b>	Congressional Delegated Spending, FEMA BRIC. HUD CDBG-DR, City

The following projects were also removed from the 2022 plan:

<b>Mitigation Action #2.6.10</b>	
<b>Description</b>	Enlarge culverts of the Poquessing Creek tributaries to protect the roadway and residences without providing any adverse impact to upstream or downstream properties.
<b>Hazard</b>	Flood
<b>Lead Agency</b>	Streets Department
<b>Project Type</b>	Structure and Infrastructure; Natural Systems Protection
<b>Goals &amp; Objectives</b>	Goal 2, Objective 2.6
<b>Reason for Removal</b>	Maintenance by PWD is continuing on existing culverts but no expansions are being considered

<b>Mitigation Action #4.5.2</b>	
<b>Description</b>	Construction of additional chemical dosing boosters and flushers throughout the City to maintain water quality
<b>Hazard</b>	Drought; Extreme Temperature
<b>Lead Agency</b>	PWD
<b>Project Type</b>	Structure and Infrastructure
<b>Goals &amp; Objectives</b>	Goal 4, Objective 4.5
<b>Reason for Removal</b>	Regulation that never occurred so this project is no longer necessary

These projects will be included in the 2022 Hazard Mitigation Plan. For any questions or concerns, please reach out to [OEM@phila.gov](mailto:OEM@phila.gov).