



Eastwick: From Recovery to Resilience

Quarterly Meeting - September 22, 2022

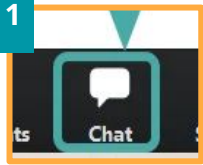


City of
Philadelphia

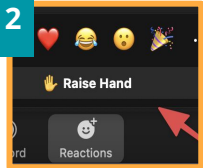
Zoom Functions

Please note:
This meeting will be recorded

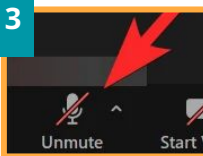
To ask questions:



1 Use the **chat** function to ask questions at anytime

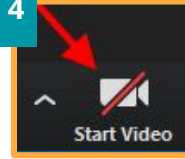


2 Use the **raise hand** function to ask verbally

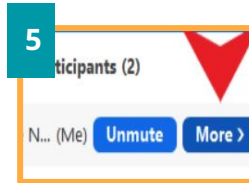


3 Click the **unmute** function to speak when called upon

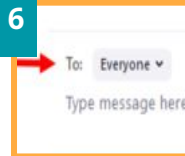
If you prefer to remain anonymous:



4 Turn off your camera by clicking the **camera button** at the bottom of the zoom window



5 Change your name by clicking **participants**, and then clicking **more** next to your name OR clicking the **three dots** next to your name and selecting the 'change name' function from the drop-down menu




6 Ask questions anonymously by submitting them through the **direct message** option at the bottom of the chat window to "**Questions - chat**".



Agenda

- | | | |
|----------|---|---------------|
| 1 | Introduction, Recap from May meeting | } First hour |
| 2 | Implementation Opportunities through Federal Funding Programs | |
| 3 | Pathway to Long-term Flood Resilience | |
| 4 | Updates since May meeting (guest speakers) | } Second hour |
| 5 | Quality of Life Updates | |

What else would you like to discuss?



Who's in the Virtual Room





Eastwick: From Recovery to Resilience

Eastwick: from Recovery to Resilience is a multi-agency initiative coordinated by the Office of Sustainability and the Office of Transportation, Infrastructure, and Sustainability.

It aims to align City, State and Federal efforts to improve community well-being in Eastwick through actions informed by Eastwick's history, present context and residents' vision for a resilient future.



What Are the Steps
To Reach Our Goal


**Deliver and
Sustain
Transformation
Initiatives**


**Co-Develop Actions
that Build a
Resilient Future**

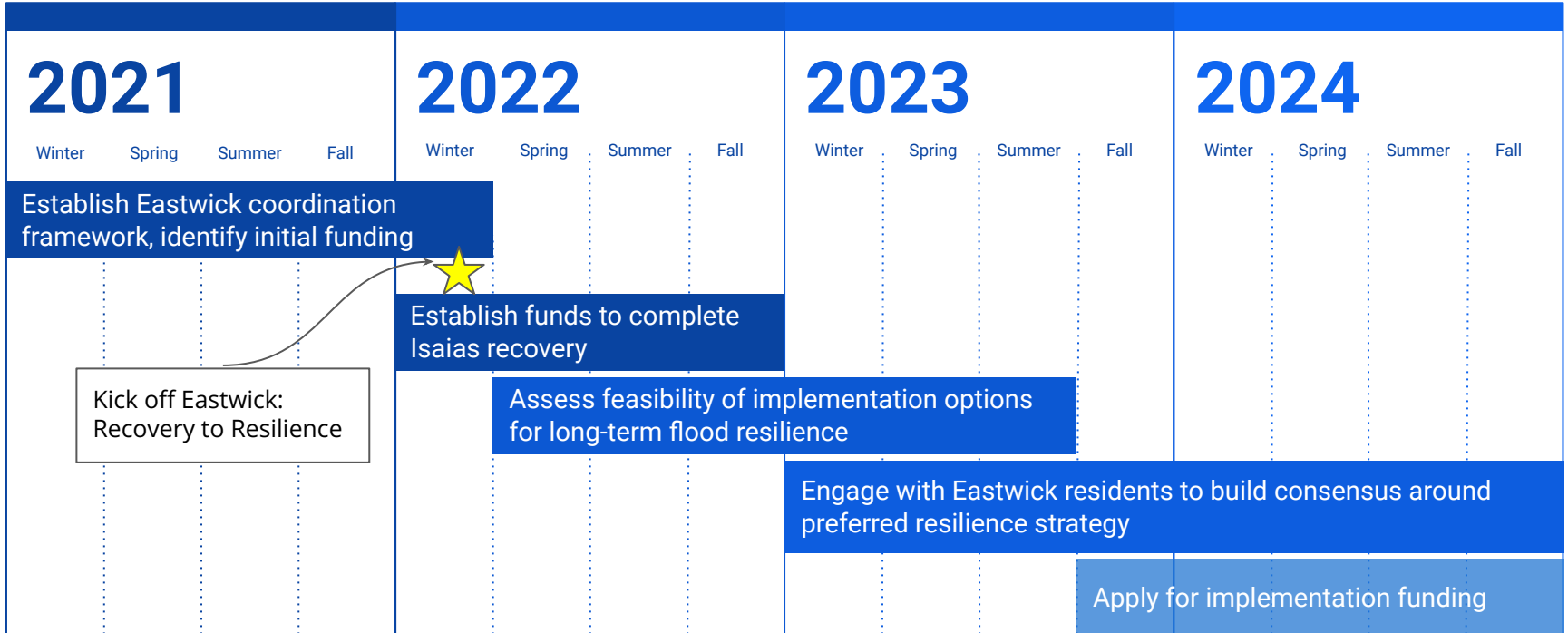
**Eastwick:
from Recovery
to Resilience**


**Strengthen
Partnership and
Collaboration**



**Create a Shared
Understanding of the
Issues**

Timeline





Initiative Coordination Team

Taylor Quinland

Program Strategist for Place-based Initiatives, Office of Sustainability

Korin Tangtrakul

Program Manager for Place-based Initiatives, Office of Sustainability

Saleem Chapman

Director & Chief Resilience Officer, Office of Sustainability

Mike Carroll








Deputy Managing Director, Office of Transportation, Infrastructure and Sustainability

Reach us by emailing: eastwick@phila.gov





Since our last meeting, we have:

-  Established a process for granting **Isaias recovery funding**
 -  Supported onboarding of the **Eastwick Ambassadors**
 -  Started convening an **Eastwick Stakeholder Group**
 -  Brought on support to apply for **federal infrastructure funding**
 -  Followed up on **quality of life issues** raised by residents
 -  Distributed **capacity-building funds** to support collaboration
- 

Flood Resilience Funding coming to Philadelphia

The Philadelphia Inquirer

Philly gets \$25M for sewer system as White House announces new flood-prevention funding

The White House is making more than \$1 billion available to states to address flooding and extreme heat exacerbated by climate change.



The flooded Vine Street Expressway after Ida in 2021.
MONICA HERNDON / Staff Photographer

FEMA funding
for Riverwards

CBS Philadelphia + Follow View Profile

Philadelphia To Receive \$98 Million In Funding Due To Destruction Caused By Hurricane Ida, Sen. Bob Casey Says

Syndicated Local - CBS Philly - Mar 22

React 5 Comments 4 Share Save

HUD funding
for Ida recovery

PHILADELPHIA (CBS) — \$120 million. That’s the amount of money Pennsylvania is set to receive from the feds to help rebuild after Hurricane Ida left behind devastation last summer.

The owner of Pizzeria L’Angolo on Main Street in Manayunk says it took four months and \$30,000 of his own money to reopen after flooding and damage left by Hurricane Ida.

“Inside it was about 6 foot. It was right here right on top of the oven. I’ve never seen it like this, I’ve been in Manayunk for long time,” owner Guido Abbate said.

Why didn't these include flood resilience funding for Eastwick?



Poll 1



Open Discussion



Implementation Funding Opportunities

Federal Funding Opportunities

Bipartisan Infrastructure Law (BIL)

- Focus on transportation and climate resilience
- Injected new funding into existing programs (BRIC, FMA)
- Developed new programs (PROTECT)
- Available in funding cycles, from fiscal years 2022 to 2026



Inflation Reduction Act (IRA)

- Focus on energy reduction, clean energy and electric vehicles
- Many residential programs like tax credits and rebates
 - Visit **cleanenergy.gov**
- Will develop new funding programs





Federal Funding Opportunities

Existing Programs

Building Resilient Infrastructure & Communities


- Funding to support hazard mitigation projects
- Injected with BIL funds, granted by FEMA
- **OOS is developing an application this cycle**

Flood Mitigation Assistance

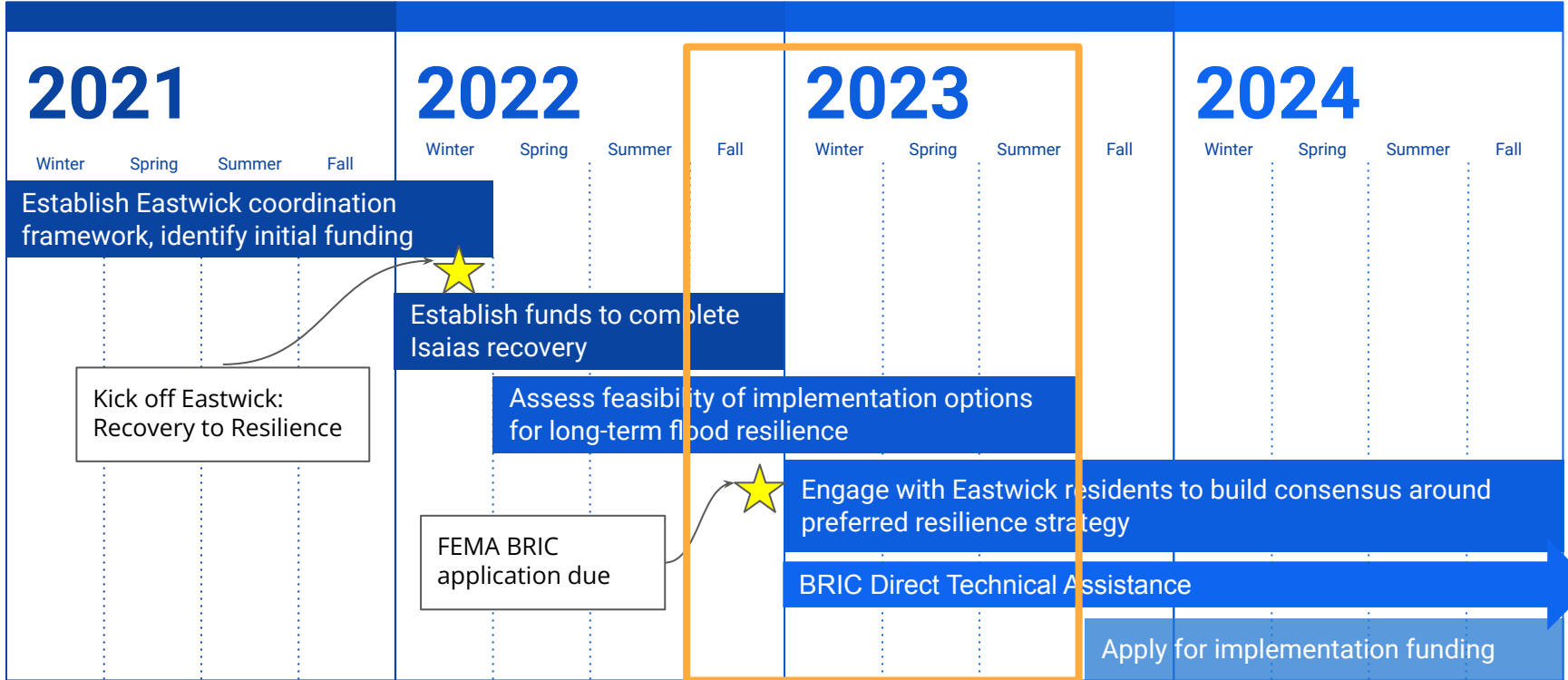
- Funding to reduce or eliminate risk of repetitive flood damage (must be insured under NFIP)
- Injected with BIL funds, granted by FEMA

New Program

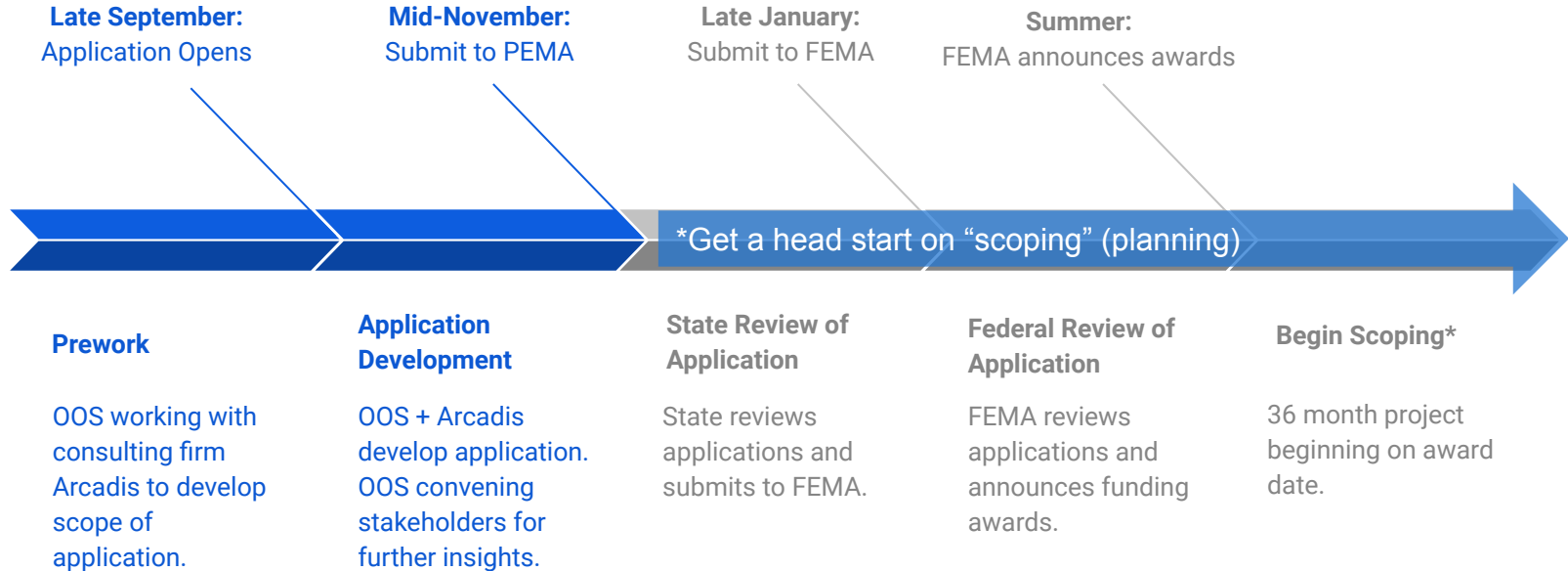
Climate and Environmental Justice Block Grants

- Supports communities in the creation of climate resilience, clean energy and sustainability plans of their own making
 - New program in IRA, will be granted by EPA
- 

Timeline



BRIC Application & Award Process



Funding and support secured to date

	Funding Source	Total Amount	Timeframe	Use
Recovery & Preparedness	General Operating Fund	\$200,000	Thru Oct 2023	Complete Recovery from Isaias
Community + City Capacity Building	Operations Transformation Fund	\$100,000	Thru June 2023	Build internal capacity in the City, including hiring Eastwick Community Coordinator
	William Penn Foundation	\$100,000	Thru June 2023	Capacity Building Funds for Eastwick Community Based Organizations
	Justice 40 Capacity Building Fund	\$30,000	Thru August 2022	Community Empowerment for Civic Engagement and Long term Planning
Secure Funding for long-term Flood Resilience	FEMA Technical Assistance	In-kind	Thru Sept 2025	Technical Assistance in Preparing an Application for State and Federal Hazard Mitigation Grants
	ULI Technical Assistance Panel	In-kind	Thru Dec 2023	Technical Assistance for Understanding Feasibility of Community Led Landwap Proposal
	Operations Transformation Fund	\$100,000	Thru June 2023	Complete modeling needs and obtain consultant support in completing federal funding applications

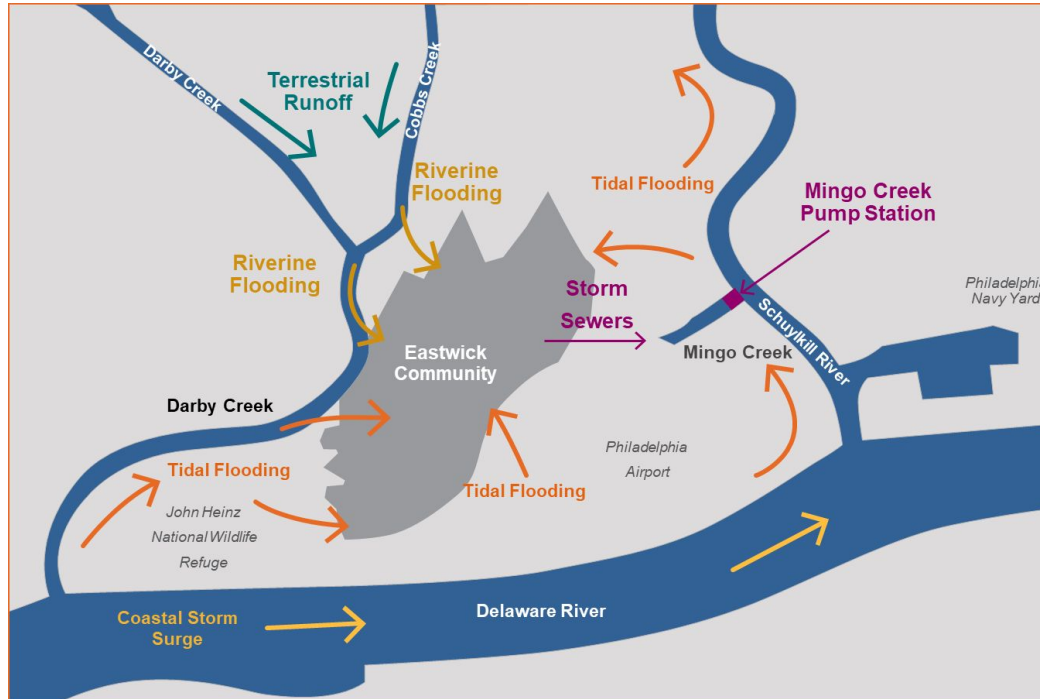


Q & A



Eastwick Resilience Plan Pathway

Eastwick is vulnerable to multiple sources of flooding



- Riverine flooding from Darby/Cobbs
- Tidal flooding from the Delaware
- Coastal Storm Surge from the Delaware
- Sea Level Rise

Concept diagram of flood sources in Eastwick.
Source: Arcadis




All-of-the-Above Strategy Needed



Reminders

- Resources:
 - Household Guide to Resources for Flooding in Philadelphia
 - Eastwick Flooding Flyer
- Ready Philadelphia
- Speak with a Flood Insurance Specialist, available through FEMA

To follow up on any of the above, email eastwick@phila.gov

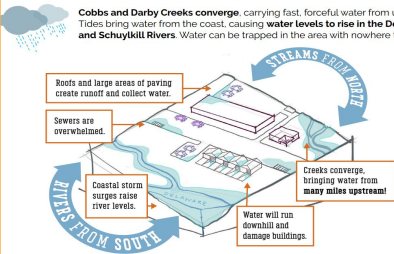
 **City of Philadelphia**

Household Guide to Resources for Flooding in Philadelphia

The following guide includes a list of actions you can take before, during, and after a flood. It also includes links to resources.

Eastwick Flooding

This is one of the lowest areas in Philadelphia. Water collects here, and the problem doesn't stop when the rain does.



Cobbs and Darby Creeks converge, carrying fast, forceful water from upstream. Tides bring water from the coast, causing **water levels to rise in the Delaware and Schuylkill Rivers**. Water can be trapped in the area with nowhere to go.

- Roots and large areas of paving create runoff and collect water.
- Sewers are overwhelmed.
- Coastal storm surges raise river levels.
- Creeks converge, bringing water from many miles upstream.
- Water will run downhill and damage buildings.

Streams from North

Rivers from South


Flooding is dangerous. It occurs quickly, has fast moving water, and can look shallow when it may be deep.

- If evacuation is recommended, go **before** a storm starts.
- Flooding can be **delayed**, occurring after a storm ends.
- **Never** drive through flooded streets.

If your home floods:

- If you can safely access your circuit breaker, turn off electricity to the affected area. **Never step in water** unless you know the electricity is off!
- Before restarting electricity impacted by flood water, have a licensed contractor or professional inspect appliances.
- Take pictures of all damage, such as interior/exterior water marks.

Climate Change
A changing climate means sea levels rise, and rain will get more intense and more frequent.



Approach for BRIC application



INTEGRATING EXISTING STUDIES AND CONCEPTS INTO COMPREHENSIVE PLANNING PROCESS




STEVENS
INSTITUTE of TECHNOLOGY
THE INNOVATION UNIVERSITY®



FEMA



Neighborhood



Follow up informational sessions

Following today's meeting, you can learn more about:

- Levees
- Household level interventions: voluntary buyout programs, reconstruction, floodproofing, flood insurance
- Expert Panel on Community Proposed Relocation Strategies

RSVP for all sessions at:
bit.ly/EastwickInfoSessions



Eastwick Flood Resilience Sessions

Quarterly Town Hall

9/22 6-8 pm on Zoom

Get an overview of coming plans and potential strategies for Eastwick
Register at bit.ly/9-22Eastwick

Info Session Part 1: Levee

10/6 6:30-8 pm at Heinz Wildlife Refuge

The US Army Corps and Philly Water will describe how levees work and provide an update on the Eastwick study

Info Session Part 2: Household-Level Mitigation

10/20 6:30-8 pm at Heinz Wildlife Refuge

Join this session with FEMA and PEMA to learn about a variety of household-level interventions including: voluntary buyout programs, elevated homes, floodproofing, and flood insurance

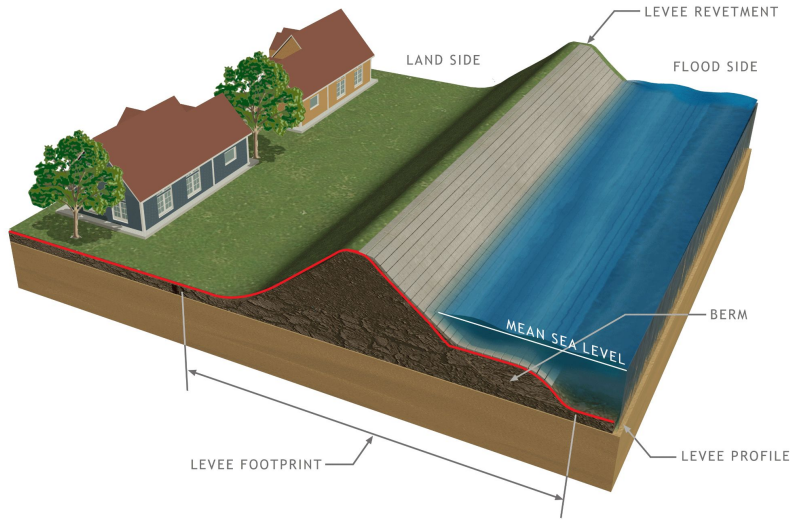
Expert Panel on Community Proposed Relocation Strategies

11/4 late afternoon location TBD

Hear the perspective of experts from the Urban Land Institute about strategies for funding and building equitable housing solutions



October 6, 6:30pm @ Heinz Wildlife Refuge: Info Session on Levees



A proposed levee at the Clearview landfill is currently being studied by US Army Corps to mitigate riverine flooding from the Cobbs & Darby Creeks.

This informational session with the US Army Corps and Philadelphia Water Department will describe how levees work to protect homes from flooding and provide an update on the Army Corps' feasibility study.



October 20, 6:30pm @ Heinz Wildlife Refuge: Info Session on Household-level Interventions

Voluntary Buyout Program

In a buyout program, state or local government acquire residential development from private property owners. Bought out land is converted to natural floodplains and open space uses.

Reconstruction

The construction of an improved, elevated building on the same site where an existing building and/or foundation has been partially or completely demolished or destroyed.

Floodproofing

Any combination of changes to buildings to reduce or eliminate flood damage. Dry floodproofing entails blocking water from coming in. Wet floodproofing entails allowing water in safely.

Flood Insurance

Flood insurance covers your building and your contents in the event of a flood. All homeowners and renters can get flood insurance, even if you live outside the high-risk flood areas.



November 4th - late afternoon, location TBD: Urban Land Institute Technical Assistance Panel

Eastwick United with support from the Office of Sustainability will be hosting an Urban Land Institute Technical Assistance Panel.

What is Technical Assistance Panel?


- Objective, multidisciplinary advice on land use and real estate challenges developed over the course of two days.
- ULI Philadelphia members from across the region volunteer their time as panelists.
- Panelists address a set of questions defined by the host or sponsoring organization.



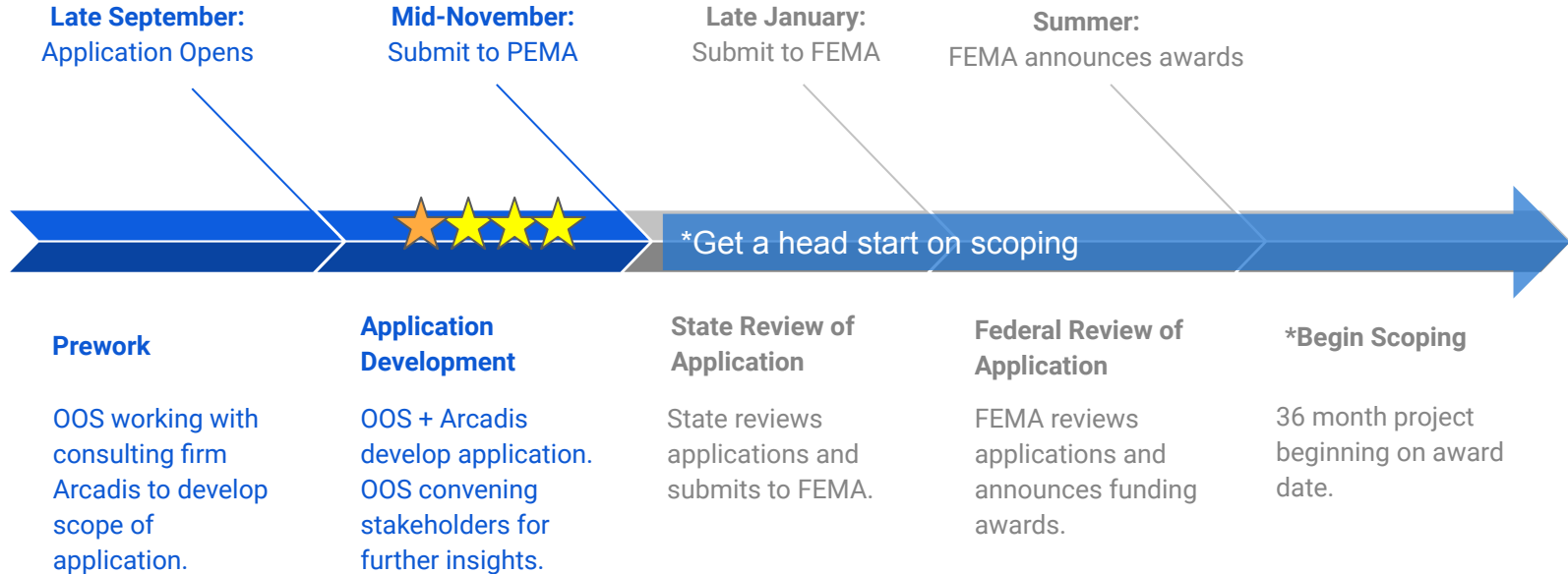


Urban Land Institute Technical Assistance Panel

The Panel will be asked to evaluate:

- What financial resources, both public and private, are available to finance the construction of the replacement housing and relocation of impacted residents?
 - What best building practices can be included in the construction of the replacement housing to mitigate flooding?
 - How can we utilize wetlands to create open-green space while simultaneously providing recreational areas and act as flood mitigation mechanisms?
 - Can an inter-community relocation process be developed that will make impacted residents whole?
 - What are the legal considerations, mechanisms and best practices that can inform an equitable relocation process?
- 

BRIC Timeline and Expectations





Town Hall Discussion




BREAK



Updates



Eastwick Ambassador Program

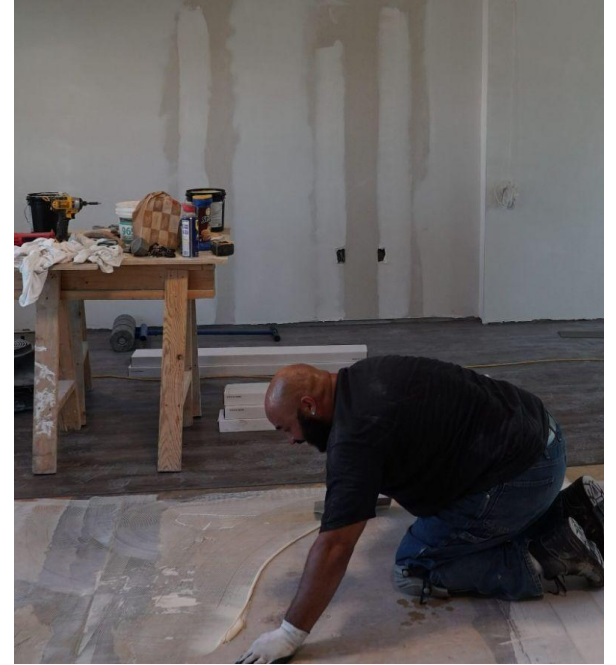
- Grant funded through Justice-40 Capacity Building Fund
 - Eastwick United recruited 15 Eastwick residents (and counting) that have not been in leadership positions recently, many of whom have experienced flooding
 - Residents paid to participate in Empowerment Sessions:
 - Session 1: Environmental Justice, Climate Change & Eastwick
 - Session 2: Governance, Funding & Planning for a Climate Resilient Eastwick
 - Now participating in roundtable discussions, stakeholder meetings, and Eastwick United initiatives
- 



Isaias Recovery Grant Program


Small grants will be made available to Eastwick residents to **cover the cost to complete home repairs** related to damages from tropical storm Isaias.

The grant program is funded by the City of Philadelphia and will be **administered by Eastwick United CDC.**





Community Early Warning System

- OEM has been awarded a grant to enhance alert & warning delivery both in Eastwick and citywide
 - Eastwick specific initiative is to develop a community-focused alert & warning system that reflects the conditions and information for Eastwick, as opposed to a citywide message
 - Approach:
 - Community engagement process to collect resident feedback
 - Incorporate feedback and best practices to shape system
 - Implement system
 - Tech Component
 - Also examining options for technology to provide better information on weather conditions in Eastwick
- 



Q & A



Quality of Life Updates



Quality-of-Life Updates



**Neighborhood
Beautification**



**Safety &
Resources**



**Traffic, Transit &
Accessibility**





Q & A



Poll 2



Next Steps



Next Steps

Our next quarterly meeting will be **December 2022**. Topics will include:

- Update on BRIC application
- Guest speaker on Network of Neighbors (invited)

Don't forget to RSVP for upcoming Eastwick Flood Resilience Sessions!

bit.ly/EastwickInfoSessions



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