



## **2017 Chester County**

### **Municipal Stormwater Summit**

# **Hazard Mitigation Planning, Actions and Funding**

## **- State Perspective -**

Ernie Szabo – PEMA Hazard Mitigation Planner

# What is Hazard Mitigation Planning (HMP)?

- “Planning for sustained action taken to **eliminate** or **reduce** the long term risk to life, property, and unique ‘sense of place’ that comes from historical, natural and cultural resources, due to natural and technological hazards.”
- Hazard Mitigation is ‘before the water rises’.



# FEMA Mitigation Categories



## **Local Plans and Regulations**

Government authorities, policies, or codes that influence the way land and buildings are developed



## **Structure and Infrastructure Projects**

Modifying existing structures or infrastructure to remove them from a hazard area or construction of new structures to reduce the impacts of hazards



## **Natural Systems Protection**

Actions that minimize damage and losses and also preserve or restore the functions of natural systems



## **Education and Awareness Programs**

Sustained programs to educate the public and decision makers about hazard risks and community mitigation programs

# Eligible Mitigation Action Projects

- Property Acquisition and Structure Demolition
- Structure Relocation
- Structure Elevation
- Dry Floodproofing of Historic Residential Structures
- Dry Floodproofing of Non-residential Structures
- Minor Localized Flood Reduction Projects
- Floodplain and stream restoration
- Floodwater storage and diversion
- Infrastructure protective measures
- Localized flood control to protect critical facility
- Aquifer storage and recovery
- Stormwater management
- Utility protective measures
- Water and sanitary sewer system protective measures
- Wetland restoration/creation
- *Part 80 voluntary acquisitions and elevations are ineligible*



# Recent Projects in Chester County

- 2010 and 2015 County Hazard Mitigation Plans
- West Wheatland acquisition and demolitions
  - DR 4030 \$253k
  - FMA 13 \$243k
  - FMA 16 \$274k
- West Wheatland Elevation – FMA 14 \$174k
- **Downingtown Stormwater Basin?**
- **Downingtown Bridge removal and stream restoration?**

*No record of funding by PEMA*

## Multi-Jurisdictional Hazard Mitigation Plan



December, 2015

Chester County Department of Emergency Services  
601 Westtown Road, Suite 012  
West Chester, PA 19380-0990

# Current HM Funding: PDM and FMA 2017

- **PDM: \$90 million nationally**
  - \$4 million limit for mitigation projects. State cap is \$15 million
  - \$300,000 limit for state/territorial and multi-jurisdictional local/tribal mitigation plan update
  - \$150,000 limit for single jurisdiction local/tribal mitigation plan update
  - 10% of plan/project subapplication budget for information dissemination activities
  - No Applicant (state) may receive more than \$15 million
- **FMA: \$160 million nationally**
  - \$10,000,000 for Flood Mitigation project sub-applications
  - \$50,000 for state mitigation plans (flood hazard portion only)
  - \$25,000 for local mitigation plans (flood hazard portion only)

# Priorities for 2017 PDM

- Non-flood hazard mitigation
- Non-acquisition/elevation/ mitigation reconstruction flood activities
- Acquisition, elevation and mitigation reconstruction
- Generator for critical facilities



# Priorities for 2017 FMA

- Advance Assistance – seed funding for community analysis and design of future community flood mitigation projects
- Community Flood Mitigation Projects - funding for projects that address flood risk on a community level.
- Technical assistance for Applicants who received at least \$1 million FMA funds in FY16
- Flood mitigation planning
- SRL and RL structure mitigation



# Pennsylvania Timelines:

- August 14, 2017: Grant Application period opens
- October 16, 2017: PEMA Deadline for applications 1600 Hours (COB)
- October 17-20: October PEMA HM Staff to review for eligibility and completeness
- October 23-25: PA HM State Team Review
- November 6-9: PEMA bundles and submits applications to FEMA

# E – Grants Training IS-30

This interactive computer-based course is part of a series designed to provide various users with basic knowledge about using the web-based Mitigation Electronic Grants (eGrants) Management System.

**This course is specifically targeted for Subgrant Applicants.**

The eGrants system is a part of the eGovernment initiative. eGrants helps to streamline the application process by providing local governments the ability to apply for and manage their subgrant applications over the Internet.

<https://training.fema.gov/is/courseoverview.aspx?code=IS-30.a>

# Who does hazard mitigation planning?

- States and Counties create HMPs
- Municipalities adopt County HMPs
- Counties should invite: **Stakeholders**
  - Municipalities, adjacent counties
  - Public, land owners, businesses, NGOs, Institutions (health, education, penal, defense etc.)
  - State agencies: DOT, DEP, PSP, DCNR, DPW
  - Entities that cross the county: Railroads, highways, pipelines, power lines
  - *Upstream and downstream counties*
  - Silver Jackets
  - Public

# Why conduct hazard mitigation planning?

- Required by Stafford Act
- Required by FEMA to be eligible for HMGP, PDM, FMA, and SRL grants

*\*"A local government must have a mitigation plan approved pursuant to this section in order to apply for and receive mitigation project grants under all other mitigation grant programs." 44 CFR 201.6(a)*

- Serves to integrate other county and state plans
- Benefits beyond FEMA compliance and funding
  - Other source of funding may come available
  - Projects should be as 'shovel ready' as possible
  - Aids in Preliminary Damage Assessment
  - **Protects your citizens and community**

# When do you conduct hazard mitigation planning?

- Plans updated every five years
- Municipalities adopt county plans
- State and County plans should be reviewed each year
  - Whenever other plans which are or should be **integrated** change
    - Comprehensive plan
    - Land use and development plans
    - Emergency Operations Plan
    - Floodplain ordinances, new DFIRMs
    - Others
- Plan should be posted on County website as living document for citizens use and comment
  - <https://pa-chestercounty2.civicplus.com/DocumentCenter/View/31981>



# How do you conduct hazard mitigation planning?

- Identify, Evaluate and Prioritize hazards
- Identifying resources and capabilities
- Selecting appropriate actions to reduce hazards
- Developing, prioritizing, and implementing specific mitigation measures

# Hazard Mitigation Planning Resources

- State Mitigation Websites
  - [PEMA Hazard Mitigation Website](#)
  - [PA Flood Maps \(Temporarily Down\)](#)
  - [PA Education Grants](#)
- Local Hazard Mitigation Planning:
  - [FEMA Local Mitigation Planning Handbook](#)
- Plan Integration
  - [Plan Integration: Linking Local Planning Efforts](#)
- Chester County:
  - [Chester County Hazard Mitigation Website](#)
  - [Chescoviews](#) (Mapping site)
- Federal Regulations
  - [Stafford Act](#)
  - [Biggert Waters Act](#)



## Local Mitigation Planning Handbook

March 2013



## Plan Integration: Linking Local Planning Efforts

July 2015



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