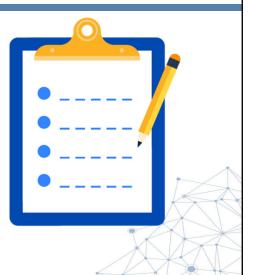


Agenda



- Welcome
- Project Schedule Review
- Review the Planning Process
- Section Contents
- Next Steps
- Questions



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2



Project Schedule Review



√ June/July 2021 Kick-Off Meetings

√ July-September 2021 Data Collection

√ November 10, 2021 Risk Assessment Presentation

√ October-November 2021 Update Hazard Profiles

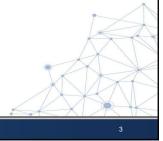
√ January 19, 2022 Mitigation Strategy Workshop

√ June 2021 – May 2022 Plan Development

☐ June,1 2022 Review Draft Plan – TODAY!

☐ July 2022 Plan Submitted to PEMA

☐ August 2022 Plan Submitted to FEMA



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3

Review the Planning Process



- Planning Team Kickoff MeetingJuly 1, 2021
- Municipal Support Meetings
- September October 2021
- Risk Assessment Update
 - August October 2021
- Mitigation Strategy UpdateDecember 2021 January 2022
- Develop the HMP document
 - ■September 2021 May 2022
- Public Review PeriodJune July 2022



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Review the Planning Process



- Core Planning Team Meetings
 - Ongoing through planning process
- Municipal Support Meetings
 - September October 2021
- Supervisors Meeting
 - October 1, 2021
- Risk Assessment Meeting
 - November 10, 2021
- Mitigation Strategy Workshop
 - •January 19, 2022
- Draft Plan Presentation
 - •June 1, 2022



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5

Public Outreach and Engagement



- Public Engagement County and municipalities were sent different tools they can use to help – please continue to share!
 - HMP website https://www.pikecountypahmp.com/
 - Social Media announcements Facebook and Twitter
 - Let Tetra Tech know when you post about the HMP so we can include in the HMP
- Tetra Tech will send out additional tools to use to let the public know the draft plan is available for review.



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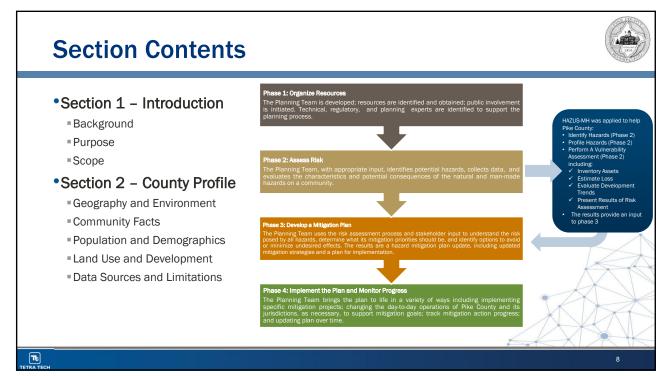


What's New in the 2022 Update?

- Followed the 2020 Pennsylvania Hazard Mitigation Plan Standard Operating Guide
- New look to the 2022 Pike County HMP updated style
- Critical facilities updated inventory and included community lifelines
- Hazards of concern incorporated new hazards, concise hazard profiles, included recent events



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Section Contents



Section 3 – Planning Process

- Update Process and Participation Summary
- The Planning Team
- Meetings and Documentation
- Public and Stakeholder Participation
- •Multi-Jurisdictional Planning

		Pike County Jurisdictions				
Blooming Grove Township	Delaware Township	Dingman Township	Greene Township	Lackawaxen Township		
Lehman Township	Matamoras Borough	Milford Borough	Milford Township	Palmyra Township		
Porter Township	Shohola Township	Westfall Township				
		Educational Institutions				
Delaware Valley School	East Stroudsburg School	Penn State Cooperative	Pocono Environmental	Wallenpaupack Area School District		
District	District	Extension	Education Center			
		Hospitals and Health Care				
Carbon-Monroe-Pike	American Red Cross					
Mental Health and	Northeastern PA Chapter					
Developmental Services	Nottheastern FA Ghapter					
		Police Departments				
Pike County Sheriff's Office						
		Utilities Agencies				
Brookfield Energy Partners	Orange & Rockland	Pennsylvania Power &	Pike Co Light &	Lake Wallenpaupack		
biookileiu Ellergy Fattileis	Utilities	Light	Power/Corning Gas	Watershed District		
Milford Water Authority	UGI	Westfall Sewer Authority				
		Neighboring Jurisdictions				
Monroe County, PA	Monroe County, PA Orange County, NY		Sussex County, NJ	Warren County, NJ		
Wayne County, PA						
		Government Stakeholders				
National Park Service -	National Park Service -		PA DCNR Forestry -	PA DEP Northeast		
Delaware Water Gap	Upper Delaware Scenic &	PA DCNR	Delaware District Office	Regional Office		
National Recreation Area	Recreational River		Delaware District Office	Regional Office		
	PA House of	PA House of				
PA Game Commission	Representatives 139th	Representatives 189th	PA Senate 20th District	PEMA Eastern Area Office		
	District	District				
PEMA	PennDOT District 4-4	Pike County Economic Development Authority	Pike County Transportation			
		Other Stakeholders				
Pocono Mountain Vacation Bureau	Twin and Walker Creeks Conservancy	Upper Delaware Council	Pike County Chamber of Commerce			

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Section Contents



•Section 4 – Risk Assessment

- Section 4.1 Update Process Summary
- Section 4.2 Hazard Identification
- Section 4.3 Hazard Profiles
- Section 4.4 Hazard Vulnerability Summary

Natural Hazards

- Disease Outbreak
- Drought Earthquake
- Extreme Temperature Flood
- Geologic Hazards (landslide, sinkholes)
- Hurricane, Tropical Storm, Nor'easter
 Invasive Species
- Radon Exposure
- Severe Weather
 Tornado and Windstorm
- WildfireWinter Storm

Non-Natural Hazards

- Dam Failure Drowning
- Environmental Hazards
- Nuclear Incidents Terrorism
- Transportation Accidents
- Structural Fire and Explosion
- Utility Interruption

		Risk Assessment Category									
Hazard Risk Hazards		Probability	Impact	Spatial Extent	Warning Time	Duration	Factor (RF)				
	Flood	4	3	3	2	3	3.2				
	Severe Weather	4	2	4	3	2	3.1				
	Environmental Hazards	4	2	3	4	2	3				
	Severe Winter Weather	4	2	4	2	2	3				
	Utility	4	2	2	4	4	3				
듍	Extreme Temperatures	3	2	4	2	3	2.8				
-	Invasive Species	4	1	4	1	4	2.8				
	Disease Outbreak	2	3	3	1 /	A	2.6				
	Hurricane/Nor'Easter	3	2	3	1	3	2.5				
	Transportation	4	2	1	4 🔨	18	2.5				
	Drought	2	2	3	1	4	2.3				
	Radon	3	1	3	1 _	4	2.3				
	Drowning	4	1	- 1	4	1	2.2				
Moderate	Terrorism	2	1	2	4	4	2.1				
b	Wildfire	3	1	1	4	3	2.1				
2	Nuclear Incidents	- 1	1	3	4	4	2				
	Urban Fire	2	2	1	4	2	2				
3	Earthquake	- 1	1./	/4	4	* 1/	1.9				
Low	Geologic	2	1	1	4	1	1.6				



Section Contents



- Section 5 Capability Assessment
 - Update Process Summary
 - Capability Assessment Findings
 - -Planning and Regulatory
 - -Administrative and Technical
 - -Financial
 - -Education and Outreach
 - -Self-Assessment
 - -Plan Integration

Jurisdiction	Hazard Mitigation Plan	EOP	Disaster Recovery Plan	Evacuation Plan	COOP Plan	NFIP	NFIP - CRS	Floodplain Regulations	Floodplain Mgmt. Plan	Zoning Regulations	Subdivision Regulations	Comprehensive Land Use Plan (or General, Master, or Growth Mgmt. Plan)	Open Space Mgmt. Plan	Stormwater Mgmt. Plan/Ordinance	Natural Resource Protection Plan	Capital Improvements Plan	Economic Dev. Plan	Historic Preservation Plan	Farmland Preservation	Building Code	Fire Code	Other
Blooming Grove Township	Х	Х	-	Х	Х	Х	-	Х	-	Х	Х	Х	Х	Х	-	-	-	-	-	-	Х	-
Delaware Township	Х	Х	Х	Х	Х	Х		Х	NA	Х	Х	х	Х	Х	Х	Х		Х	Х	Х	Х	-
Dingman Township	Х	Х	-	-	Х	Х	-	Х	-	Х	Х	Х	-	Х	-	-	-	-		Х	Х	-
Greene Township	Х	Х	-	Х	Х	Χ	-	Χ	-	-	Х	Х	Х	Х	-	-	-	-	Х	Х	-	-
Lackawaxen Township	Х	Х	Х	Х	Х	Χ		Х	-	Х	Х	Х	Х	-	Х	Χ	Х	Х	Х	Х	Х	
Lehman Township	Х	Х	Х	Х	Х	Х		Х	Х	Х	Х	х	Х	Х	-	-				Х	-	-
Matamoras Borough	Х	Х	UD	UD	UD	Χ	-	Χ	-	Х	Х	Х	Х	-	-	-				Х	Х	-
Milford Borough	Х	Х	Х	Χ	Х	Х		Х		Х	Х	х	-	-						Х		*
Milford Township	Х	Х				Χ		Х		Х	Х	Х	Х	-			Х		Х	Х	Х	Х
Palmyra Township	Х	Х	-	-		Χ		Χ	-	Х	Х	Х	-	Х					Х	Х	Х	
Porter Township	Х	Х		Х	Х	Х		Х	Х	Х	Х	Х	Х	Х	Х	-	-	-	-	Х	Х	-
Shohola Township	Х	Х				Х		Х	-	Х	Х	х	Х	Х	-	-				Х	-	-
Westfall Township	Х	Х		Х		Х		Х	Х	Х	Х	х	Х	Х	-	Х	-	-		Х	-	-
Pike County	х	х	х	х	х							х	х		х	х	х	х	х			

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11

11

Section Contents



Section 6 – Mitigation Strategy

- Update Process Summary
- Mitigation Goals and Objectives
- Identification and Analysis of MitigationTechniques
- Mitigation Action Plan

2022 Goals

- Provide for properly managed and environmentally sound growth and disaster-resistant development.
- 2. Reduce the potential impact of natural and human made hazards on property.
- 3. Enhance and improve emergency services provided to the growing population of Pike County.
 4. Reduce vulnerability including loss of life and damage
- Reduce vulnerability including loss of life and damage to assets and the environment from natural and human-made hazards.
- Conserve, protect, restore, and enhance existing natural systems and water resources that serve a natural hazard mitigation function.
- 6. Increase awareness, understanding, and preparedness across all sectors by encouraging hazard risk, preparedness, and mitigation related education, training, and outreach activities.
- 7. Address long-term vulnerabilities from high hazard

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Section Contents



Section 7 - Plan Maintenance Procedures

- Monitoring, Evaluating, and Updating the Plan
 - -Information Requests
 - -Worksheets
 - -Annual Review Meeting
- Continued Public Involvement
- Section 8 Plan Adoption

Task	Approach	Timeline	Lead Responsibility	Support Responsibilities		
Monitoring	Preparation of status updates and action implementation tracking as part of submission for Annual Progress Report.	Meet annually or upon major update to comprehensive plan or major disaster declaration	Jurisdictional points of contact identified in Section 3 (Planning Process)	Jurisdictional implementation lea identified in Section (Planning Process		
Integration	In order for integration of mitigation principles action to become an organic part of the ongoing county and municipal activities, the County will incorporate the distribution of the FEMA 386-4 guidance worksheets for annual review and update by all participating jurisdictions.	August each year with interim email reminders to address integration in county and municipal activities.	HMP Coordinator and jurisdictional points of contact identified in Section 3 (Planning Process)	HMP Coordinator		
Evaluation	Review the status of previous actions as submitted by the monitoring task lead and support to assess the effectiveness of the plan; compile and finalize the Annual Progress Report	Finalized progress report completed by January 31st of each year	Planning Partnership; Plan Maintenance element	Jurisdictional points contacts identified Section 3 (Plannin Process)		
Update	Reconvene the planning partners, at a minimum, every 5 years to guide a comprehensive update to review and revise the plan.	Every 5 years or upon major update to Master Plan or major disaster	Pike County HMP Coordinator	Jurisdictional points contacts identified Section 3 (Plannir Process)		



13

13

Section Contents



Appendices

- A References
- ■B Plan Review Tool
- C Meeting Documentation
- ■D Municipal Flood Maps
- E Critical Facilities (will be redacted for the public review period)
- F Public and Stakeholder Outreach
- ■G Mitigation Action and Capability Worksheets
- H Municipal Adoptions



14



Next Steps



- Finishing touches
 - •June 1 June 8, 2022
- Posting for Public Review
 - June 8 July 8, 2022
- Submission to PEMA
 - On or about July 9, 2022
- Submission to FEMA Region III
 - On or about August 9, 2022



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