



# MEETING NOTES

<b>Meeting</b>	Dauphin County, Pennsylvania Hazard Mitigation Plan (HMP) Update Planning Team Kickoff Meeting 1		
<b>Date</b>	April 11, 2024	<b>Time</b>	1:00 – 2:55 p.m.
<b>Location</b>	Dauphin County Department of Public Safety, 911 Gibson Boulevard, Steelton, PA		
<b>Attendees</b>	Chris Fisher, Deputy Director, Dauphin County Department of Public Safety (DPS)		
	Andy Megonnell, Dauphin County DPS		
	Lexi Passaro, Office of Emergency Management Planning Specialist, Dauphin County DPS		
	Michael Perko, Intern, Dauphin County DPS		
	Bob Stout, Emergency Management Specialist, Dauphin County DPS		
	Dennis Woodring, Dauphin County DPS		
	Matthew Weber, Dauphin County Community Organizations Active in Disaster		
	Brian Blahusch, IT Manager, Derry Township		
	Tim Roche, EMC, Derry Township		
	Ron Johnson, EMC, East Hanover Township		
	Nancy Gamber, EMA Staff, East Hanover Township		
	Ralph Palm, Lower Paxton Township EMA		
	Robert Furlong, Lower Swatara Township		
	Tom Foreman, Middletown Borough EMA		
	Douglas Snyder, Millersburg Borough, Upper Paxton Township, Millersburg Fire Company		
	Sean Freeland, South Hanover Township and Union Deposit Fire Company		
	Kathy McCool, Steelton Borough		
	Steve Shaver, Steelton Borough		
	Andrew Verbos, Lieutenant, Susquehanna Township Police Department		
	Jon Kibe, Swatara Township EMA		
	Gabe Olvera, Central Dauphin School District		
	Chris Grudi, Derry Township School District		
	Jim Hazen, Communications Director, Lower Dauphin School District		
	Dan Troutman, Millersburg School District		
	Jill Lovett, Director/Manager Finance, Susquehanna Township Authority		
	Andrew Goodolf, American Red Cross		
	Melinda Rosario, American Red Cross		
	Michele Parsons, Cumberland County Department of Public Safety		
Justin Shaulis, Cumberland County Department of Public Safety			
Steve Hoffman, Cumberland County Planning Department			
Chris Eaton, Emergency Management Coordinator, Hershey Medical Center			
Steve King, Rabbit Transit			



# MEETING NOTES

Martyn Nevil, South Central Task Force
Jerry Duke, Dauphin County Planning Coordinator, Tri-County Regional Planning Commission
Tony Subbio, Project Manager, Tetra Tech

## Discussion Points

This section summarizes each discussion point addressed during the first session of the Planning Team Kickoff Meeting.

## Welcome and Introductions

Ms. Passaro and Mr. Fisher welcomed the group and thanked them for attending. Attendees introduced themselves and identified the following areas of focus for the planning effort:

- Ms. Passaro stated that the planning process is designed to solicit input from a larger number of stakeholders than the previous planning effort did.
- Several attendees stated that they are participating in the planning process to support the Dauphin County DPS.
- Mr. Johnson reported that there are many new elected officials who need to be educated about mitigation. He also stated that East Hanover Township experiences road flooding in heavy rain.
- Mr. Nevil stated that he participates to apply a regional perspective to the planning process and take relevant information to the other counties in the region. He reported that the region experiences vulnerability from hazards impacting utilities and is concerned about the impact of cyber attacks on critical infrastructure and key resources. He complimented the county on hosting the meeting as a forum that allows collaboration.
- Mr. Hazen reported that the Lower Dauphin School District is updating its all-hazards plan concurrently with this planning process. He stated that travel throughout the district requires a lot of driving, so the district is concerned with hazards that impact transportation infrastructure.
- Mr. Furlong reported that Lower Swatara Township has completed 13 property acquisitions and is working on 5 more.
- Mr. Hoffman reported that Cumberland County is beginning its HMP update, and he is hoping to gain insight that can benefit their planning process.
- Ms. Lovett stated that the Susquehanna Township Authority has begun implementing projects to address sewer overflow issues.
- Mr. Snyder stated that the lack of emergency medical services (EMS) providers in the county is a major problem. He also reported problems with flooding on creeks in the township and rockfalls along PA-147.
- Mr. Shaver reported that Steelton Borough officials are concerned with flooding of the Susquehanna River and stormwater flooding along Chambers Street, Highland Street, and Swatara Street. Stormwater flows from Swatara Township into the borough, causing flooding.
- Mr. Foreman stated that Middletown's flooding issues are from the Susquehanna River and Swatara Creek.



# MEETING NOTES

- Mr. Eaton reported that workplace violence, cyber security, and sinkholes have risen in the medical center's internal vulnerability assessment.
- Mr. Weber stated that the workforce in the county is aging. He is also concerned about the vulnerability of food banks and food insecurity overall in the county.
- Mr. Olvera stated that the Central Dauphin School District is so large that all hazards affecting the county affect the school district specifically.
- Mr. Megonnell stated that bundling of resources in the county can introduce vulnerability, such as when a train derailment resulted in the severing of communications lines that schools required to be able to instruct students.
- Ms. Parsons pointed out that how one county or organization rates a particular hazard may vary from how another county or organization does; this could be due to a greater understanding that one stakeholder has over another.

## Overview of Hazard Mitigation

Mr. Subbio provided a brief overview of hazard mitigation for attendees. He defined hazard mitigation and statistics regarding the benefits of mitigation versus their costs. He described FEMA's hazard mitigation grant funding streams. He also described additional funding streams that could be used to reduce vulnerability.

Mr. Subbio explained that FEMA Region 3 recently began treating school districts, municipal authorities, and other special districts as their own jurisdictions. These organizations will now have to meet the same participation requirements as the municipalities must meet to be eligible for FEMA's mitigation funding.

## Planning Process

Mr. Subbio provided an overview of the HMP planning process, and then described the steps in detail. This section summarizes the detailed description of each step.

The first step involves examining the hazards of concern for Dauphin County. Hazards that are defined to a specific geographic area, such as flooding, landslide, and wildfires, will be assessed quantitatively. Other hazards will be assessed qualitatively. Mr. Roche stated that the Pennsylvania Building Code does not adequately address radon exposure.

Ms. Passaro asked the group how many were concerned with short-term droughts; only a few attendees indicated that they were. She then asked the group how many were concerned with hyper-local flood events, and many attendees indicated that they were.

Tetra Tech and Dauphin County will assess jurisdictions' capabilities to implement hazard mitigation. These capabilities include plans, regulations, staff expertise, access to internal and external funding, training of key staff, and education and outreach.

Based on the risk assessment and capabilities assessment, plan participants will update the mitigation strategy. Municipalities and other stakeholders will identify mitigation actions they have taken over the last 5 years. The Steering Committee will develop a set of mitigation goals and objectives for the



# MEETING NOTES

updated HMP. Tetra Tech's planners will work with Dauphin County and other stakeholders to identify specific, implementable mitigation actions for inclusion in the updated plan. To that end, a Mitigation Strategy Workshop will be conducted to help participants identify solutions to the problems posed by hazards in the county.

Throughout this process, Tetra Tech will be developing the HMP document. The risk assessment, capabilities assessment, and mitigation strategy will each have their own sections of the HMP. Other sections of the HMP include an updated County Profile section, which describes the nature of the county and its population; the Planning Process section, which documents the steps Dauphin County took to update the HMP; and the Plan Maintenance section, which documents how the HMP will be reviewed and updated over its 5-year lifespan.

Mr. Subbio then described the plan review and approval process. He noted that the Pennsylvania Emergency Management Agency (PEMA) usually requests only minor changes, but FEMA almost always requires revisions based on best practices from other jurisdictions in FEMA Region 3. Tetra Tech will update the HMP as necessary until it is granted Approvable Pending Adoption (APA) status by FEMA. The goal for the plan to be adopted is June 2025.

Following the approval of the updated plan, Dauphin County will continue to conduct regular review meetings with the Planning Team. In addition, members of the Planning Team should discuss the HMP and hazard mitigation at other stakeholder meetings. Most importantly, Dauphin County and municipalities should work to implement the plan.

## Review Schedule

Mr. Subbio reviewed the project schedule. The draft of the updated HMP will be complete by October 2024. That will allow time for the public, PEMA, and FEMA reviews to occur and APA status to be achieved by the end of May 2025.

## Introduce Worksheets

Mr. Subbio reviewed the following set of information-gathering worksheets that jurisdictions are asked to complete:

- Hazard Identification and Risk Evaluation Worksheet
- Capability Assessment Survey
- Local Compliance with the National Flood Insurance Program (NFIP) Checklist
- Mitigation Strategy 5-Year Mitigation Plan Review
- Action Plan Review

Mr. Subbio stated that non-municipality jurisdictions would not have to complete the Local Compliance with the NFIP Checklist and would likely not have any actions in the 2021 HMP on which to report progress in the Mitigation Strategy 5-Year Mitigation Plan Review or Action Plan Review worksheet.

Attendees completed the Hazard Identification and Risk Evaluation Worksheet during the meeting.



# MEETING NOTES

## Public and Stakeholder Outreach

Mr. Subbio then described the public and stakeholder outreach methods that are being used to secure as much participation in the planning process as possible. The Dauphin County DPS maintains an HMP website that will be updated with draft documents, meeting materials, and other information. Tetra Tech also developed a set of information-gathering online surveys for different stakeholder groups (e.g., neighboring counties, the general public, and other stakeholders) to provide information on how hazards affect them and their organizations and what needs they may have. In addition, Tetra Tech created a simple online mapping tool in which a person can identify a location where hazards can or have affected a community. This tool will help capture locations of the hyper-local flood event problem areas discussed earlier in the meeting. Finally, there will be additional in-person planning meetings at key points in the process.

## Next Steps

The following next steps were identified at the close of the meeting:

- Organizations will send any relevant documents, reports, plans, etc., to Dauphin County or Mr. Subbio for review and incorporation into the HMP.
- Tetra Tech and Dauphin County will distribute the set of standard worksheets to jurisdictional officials.
- Dauphin County will distribute the links to the online surveys and ask Planning Team members to distribute the links as well.
- Tetra Tech will continue to update the hazard profiles.

The meeting adjourned at 2:55 p.m.

1

2

3

4




National Benefit-Cost Ratio (BCR) Per Peril <small>*BCR numbers in this study have been rounded</small>	Beyond Code Requirements	Federally Funded
<b>Overall Hazard Benefit-Cost Ratio</b>	<b>\$4:1</b>	<b>\$6:1</b>
<b>Riverine Flood</b>	\$5:1	\$7:1
<b>Hurricane Surge</b>	\$7:1	Too few grants
<b>Wind</b>	\$5:1	\$5:1
<b>Earthquake</b>	\$4:1	\$3:1
<b>Wildland-Urban Interface Fire</b>	\$4:1	\$3:1

5

6

### Planning Process

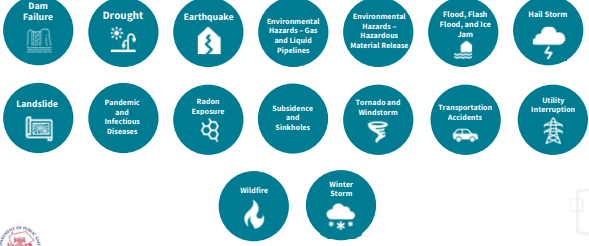
- Update the Risk Assessment
- Update the Capabilities Assessment
- Update the Mitigation Strategy
- Update Other Sections of the HMP
- Submit the HMP for Review
- Adopt the HMP
- Implement the HMP






7

### Planning Process Step 1: Update the Risk Assessment

#### Hazards of Concern








8

### Planning Process Step 2: Update the Capabilities Assessment

#### Capabilities

- Planning and Regulatory Capability
- Administrative and Technical Capability
- Financial Capability
- Education and Outreach
- Self-Assessment of Capability

9

### Planning Process Step 3: Update the Mitigation Strategy

- Review Goals and Objectives
- Determine Status of Mitigation Actions
- Identify New Mitigation Actions/Projects
  - **Focus on specific, implementable actions!**
- Conduct Mitigation Strategy Workshop







10

### Planning Process Step 4: Update Other Sections of the HMP




- **County Profile**
  - Updated data
- **Planning Process**
  - Documentation of the update process
- **Plan Maintenance**
  - Incorporation into other plans, as well as determining ways to incorporate other plans into the updated HMP

11

### Planning Process Step 5: Submit the HMP for Review

- Review Draft with Planning Team
- 30-day Public Comment Period
- Conduct Public Meeting to Review the Draft
- Submit for Pennsylvania Emergency Management Agency (PEMA) Review
  - **14 to 28 days**
- Submit for Federal Emergency Management Agency (FEMA) Review
  - **45 days**
- “Approvable Pending Adoption” Status






12



### Planning Process Step 6: Adopt the HMP


- County and at least one participating jurisdiction
- FEMA Approval
- Adoption Goal – **June 2025**



13

### Planning Process Step 7: Implement the HMP

- Regular Planning Team Meetings
- Stakeholder Meetings
- Implement Mitigation Actions and Projects
  - Integrate actions where appropriate



14

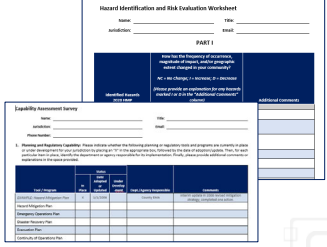
### Review Schedule

- Risk Assessment
  - **March – June 2024**
- Capabilities Assessment
  - **March – May 2024**
- Mitigation Strategy
  - **May – September 2024**
- Draft Plan by **October 2024**
- Submit to PEMA by early **February 2025**
- Submit to FEMA by the middle of **March 2025**
- “Approvable Pending Adoption” by the end of **May 2025**

15

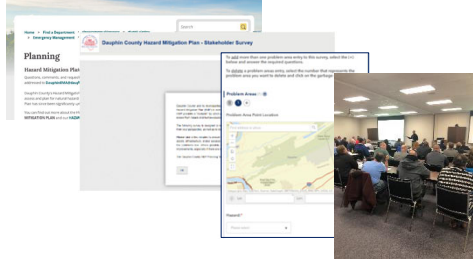
### Introduce Worksheets

- Hazard Identification and Risk Evaluation Worksheet
- Capability Assessment Survey
- Checklist to Identify Local Compliance with the National Flood Insurance Program
- Mitigation Strategy 5-Year Mitigation Plan Review
- Action Plan Review



16

### Public and Stakeholder Outreach



17

### Next Steps

- Document Request
- Complete Worksheets
- Update the Risk Assessment

18





19



20



# AGENDA

## DAUPHIN COUNTY 2025 HAZARD MITIGATION PLAN UPDATE Planning Team Kickoff Meeting #1

Thursday, April 11, 2024 | 1:00 – 3:00 p.m.

---

1. **Welcome and Introductions**
  2. **Overview of Hazard Mitigation**
  3. **Planning Process**
    - a. Update the Risk Assessment
    - b. Update the Capabilities Assessment
    - c. Update the Mitigation Strategy
    - d. Update Other Sections of the HMP
    - e. Submit the HMP for Review
    - f. Adopt the HMP
    - g. Implement the HMP
  4. **Review Schedule**
  5. **Introduce Worksheets**
  6. **Public and Stakeholder Outreach**
  7. **Next Steps**
  8. **Questions**
- 



**Dauphin County 2025 Hazard Mitigation Plan Update Project Schedule**

Task	Timeframe
<i>Project Management</i>	<ul style="list-style-type: none"> <li>• Project Kickoff Meeting conducted on November 17, 2023</li> <li>• Monthly status reports</li> <li>• Quarterly progress reports submitted to PEMA</li> <li>• Project Closeout Meeting upon FEMA approval of the HMP</li> </ul>
<i>Task 1: Organize Resources</i>	<ul style="list-style-type: none"> <li>• Steering Committee Kickoff Meeting conducted on February 12, 2024</li> <li>• Initial Planning Team Meetings conducted on April 11, 2024</li> <li>• StoryMap guidance provided throughout the planning process</li> <li>• Outreach to jurisdictions and other stakeholders throughout the planning process</li> <li>• Plans and other documents reviewed throughout the planning process</li> </ul>
<i>Task 2: Conduct Capability Assessment</i>	<ul style="list-style-type: none"> <li>• Capabilities assessed through May 2024</li> </ul>
<i>Task 3: Update the Risk Assessment</i>	<ul style="list-style-type: none"> <li>• Assess the risk from identified hazards of concern through mid-June 2024</li> <li>• Public meetings to present risk assessment to Planning Team conducted in late June 2024</li> </ul>
<i>Task 4: Develop Mitigation Strategy</i>	<ul style="list-style-type: none"> <li>• Goals and objectives updated by mid-July 2024</li> <li>• Mitigation Strategy Workshops conducted in early August 2024</li> <li>• Mitigation actions developed by the middle of September 2024</li> <li>• Steering Committee Meeting to review the mitigation strategy conducted in late September 2024</li> </ul>
<i>Task 5: Define Plan Maintenance</i>	<ul style="list-style-type: none"> <li>• Plan Maintenance section updated by mid-July 2024</li> </ul>
<i>Task 6: Prepare the Updated HMP Draft</i>	<ul style="list-style-type: none"> <li>• Draft developed by mid-October 2024</li> </ul>
<i>Task 7: Review and Finalize the Updated HMP Draft</i>	<ul style="list-style-type: none"> <li>• Draft reviewed with the Steering Committee in late October 2024</li> <li>• Draft updated based on Steering Committee comments by mid-November 2024</li> <li>• Public comment period from mid-November 2024 to early January 2025</li> <li>• Public Draft Review Meetings conducted in the middle of January 2025</li> <li>• Draft finalized by the end of January 2025</li> </ul>
<i>Task 8: Submit the Updated HMP Draft for Formal Review</i>	<ul style="list-style-type: none"> <li>• Draft submitted to PEMA in early February 2025</li> <li>• PEMA Review Period from early February to early March 2025</li> <li>• Draft HMP updated and submitted to FEMA Region III by mid-March 2025</li> <li>• FEMA Review Period from the middle of March to the end of April 2025</li> <li>• APA granted by the end of May 2025</li> </ul>
<i>Task 9: Facilitate Adoption of the Updated HMP</i>	<ul style="list-style-type: none"> <li>• Final HMP provided to the County for adoption by early June 2025</li> <li>• Facilitate adoption by the County and participating jurisdictions through August 2025</li> </ul>

# Hazard Identification and Risk Evaluation Worksheet

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Jurisdiction: \_\_\_\_\_ Email: \_\_\_\_\_

## PART I

Identified Hazards 2021 HMP	How has the frequency of occurrence, magnitude of impact, and/or geographic extent changed in your community?  <i>NC = No Change; I = Increase; D = Decrease</i>  <i>(Please provide an explanation for any hazards marked I or D in the "Additional Comments" column)</i>	Additional Comments
<b>Natural Hazards</b>		
Drought and Water Supply Deficiencies		
Flood, Flash Flooding, and Ice Jam		
Hurricane, Tropical Storm, Nor'easter		
Invasive Species		
Landslide		
Pandemic and Infectious Disease		
Radon Exposure		
Subsidence, Sinkholes		
Tornado and Windstorms		
Wildfire		
Winter Storm		
<b>Human-Caused Hazards</b>		
Building and Structure Collapse		
Cyber Attack		
Dam Failure		
Environmental Hazards: Hazardous Materials Releases		
Opioid Addiction Response		
Transportation Accidents		
Utility Interruption		



## PART II

### Other Hazards:

Do any of the following hazards (not previously profiled in the County’s hazard mitigation plan) have the potential to affect your municipality significantly? If so, please check the box(es) below.

#### *Natural*

- Coastal Erosion
- Earthquake
- Expansive Soils
- Extreme Temperature
- Hailstorm
- Lightning Strike

#### *Human-Caused*

- |   |   |
|---|---|
| <input type="checkbox"/> Civil Disturbance                                      | <input type="checkbox"/> Environmental Hazards – Unconventional Oil and Gas Wells |
| <input type="checkbox"/> Disorientation   | <input type="checkbox"/> Levee Failure  |
| <input type="checkbox"/> Drowning   | <input type="checkbox"/> Mass Food/Animal Feed Contamination                      |
| <input type="checkbox"/> Environmental Hazards – Coal Mining                    | <input type="checkbox"/> Nuclear Incident   |
| <input type="checkbox"/> Environmental Hazards – Conventional Oil and Gas Wells | <input type="checkbox"/> Terrorism  |
| <input type="checkbox"/> Environmental Hazards – Gas and Liquid Pipelines       | <input type="checkbox"/> Transportation Accident                                  |
|   | <input type="checkbox"/> Urban Fire and Explosion                                 |
|   | <input type="checkbox"/> War and Criminal Activity                                |

#### Additional Comments:



DAUPHIN COUNTY 2025 HAZARD MITIGATION PLAN UPDATE  
 Planning Team Kickoff Meeting #1

# SIGN-IN

Thursday, April 11, 2024 | 1:00 - 3:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Mark Weber	DCOPS	MWEBERS123@GMAIL	717 580 9481
Dan Troutman	Millersbury SD	troutman@mlbgsd.112.PA.US	717-448-4826
Ron Johnson	East Hanover EMA	emg@ehtdc.pa.org	717 856-0874
Nancy Gamber	" "	" "	" "
Michelle Parsons	Cumberland County	MParsons@CumberlandCountyPA.gov	717-218-2917
Bob Stout	DCOPS / Halifax Twp Halifax Boro	RStout@DauphinCounty.gov	717-518-6800
Steve King	Rabbit Transit	SKing@RabbitTransit.org	717-233-5657
John Iube	Suttons EMA	JIube@SuttonsTwp.com	717-343-8177
Sean Freehand	Union Deposit / South Hanover	XFreeze1@gmail.com	717-773-5757
Steve Shaver	STW Boro	SSS551@AOL.com	717-645-0088





DAUPHIN COUNTY 2025 HAZARD MITIGATION PLAN UPDATE  
 Planning Team Kickoff Meeting #1

# SIGN-IN

Thursday, April 11, 2024 | 1:00 – 3:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
KATHY McCool	STEELETON BAR	kmccool@steeltonpa.com	717-939-9843
Robert Furlong	Lower Swatara	Rfurlong@lower-swatara.org	
CHRIS GROSSI	Derry Twp School District	Cgrossi@HSENEY, N.H. PA. US	717-395-1410
Christofer	Dauphin County DPS	Cfisher@dauphincounty.gov	717-558-6880
RALPH PALM	LOWER BAXTON FARM	RPALM@LOWERBAXTON.PA	60V
Brian Blaschsch, IT Mgr.	Derry Twp	brian@demystownship.org	717-443-5752
Tim Roche, EMC	.	<del>Terroche</del> derrytownship.org	717-584-2202
Michael Perko Intern	Dauphin County EMS	mperko@millersville.edu	841-889-5828
Justin Shaulis	Cumberland Co DPS	jshaulis@cumberlandcountypa.gov	717 218 2914
Steve Hoffman	Cumberland & Planning	shoffm@cumbe andcounty.pa.gov	240-6537







DAUPHIN COUNTY 2025 HAZARD MITIGATION PLAN UPDATE  
 Planning Team Kickoff Meeting #1

**SIGN-IN**

Thursday, April 11, 2024 | 1:00 – 3:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Jerry Duke DC Planning Coordinator	TRC	GDuke@TRCPC-PA.org	717-965-0524
Andrew Verbos Lieutenant	Susquehanna Twp FD	avverbos@susquehanna.twp.pa.gov	717-908-8240
JILL LOVETT DIRECTOR/MPR FINANCE Dennis Woodzinski	SUSQUEHANNA TWP AUTHORITY DCDPS	jilovett@susquehanna.twp.pa.gov Dwoodzinski@dc.dps.com	(717)979-7286 717-554-6760
Chris Egan	Husky Medical Center	cegan1@penstatehealth.psu.edu	
Melinda Rosario	Red Cross	melinda.rosario@redcross.org	717-433-6978
Andrew Goodolf	Red Cross	andrew.goodolf@redcross.org	717-678-1145
Pamela Sydes	Milwaukesburg, Upper Paxton Twp Milwaukesburg FC	pamela.sydes@milwaukesburg.pa.gov	717-773-3852
CARIE OLIVERA	Central Dauphin SD	golivera@cdschools.org	717-829-1281
LUXI PASSARO	PCDPS	APASSARO@dauphincounty.gov	717-558-6821





DAUPHIN COUNTY 2025 HAZARD MITIGATION PLAN UPDATE  
 Planning Team Kickoff Meeting #1

# SIGN-IN

Thursday, April 11, 2024 | 1:00 – 3:00 p.m.

NAME AND TITLE	AGENCY/ORGANIZATION	E-MAIL ADDRESS	TELEPHONE
Ben Foreman	MDT EMA	foreman@middletonborough.pa	717-884-4316
JIM HAZEN	LD Schools	JHAZEN@LDSD.ORG	717-566-5307
MARTIN Nevit	South Central TF	M.NEV1@SCTF.PA.GOV	717-554-7312
Andy Megonnell	Dc DPS	amegonnell@dauphincounty.gov	717-578-6805
Tony Subbio/PM	Tetra Tech	tony.subbio@tetratech.com	717-838-5654
Chris Fisher, EM	Dauphin Co DPS	cfisher@dauphincounty.gov	

